

Features and Color Schemes

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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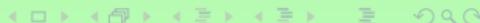
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Learning Objectives

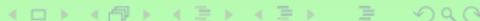


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Learning Objectives

We will learn to about



Learning Objectives

We will learn to about

- **GChemTable**



Learning Objectives

We will learn to about

- GChemTable
- **Elemental window**



Learning Objectives

We will learn to about

- GChemTable
- Elemental window
- **Color schemes**



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System Requirement



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System Requirement

- **Ubuntu Linux OS v 12.04**



System Requirement

- **Ubuntu Linux OS v 12.04**
- **GChemPaint v 0.12.10**



System Requirement

- **Ubuntu Linux OS v 12.04**
- **GChemPaint v 0.12.10**
- **GChemTable v 0.12.10**



Pre-requisites



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Pre-requisites

You should be familiar with



Pre-requisites

You should be familiar with

- **Periodic table of elements**



Pre-requisites

You should be familiar with

- Periodic table of elements
- **GChemPaint**



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Pre-requisites

You should be familiar with

- Periodic table of elements
- **GChemPaint**
- For relevant **GChemPaint** tutorials, please visit <http://spoken-tutorial.org>



Installation

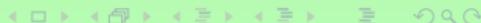


Installation

GChemTable



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Installation

GChemTable

- can be installed as a utility software of GChemPaint



Installation

GChemTable

- can be installed as a utility software of **GChemPaint**
- **using Synaptic Package Manager**



GChemTable



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GChemTable

GChemTable



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GChemTable

GChemTable

- A chemical elements *Periodic table* application



GChemTable

GChemTable

- A chemical elements *Periodic table* application
- Provides scientific information about elements



GChemTable

GChemTable

- A chemical elements *Periodic table* application
- Provides scientific information about elements
- Shows *Periodic table with different Color schemes*



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Complex Formation

- **More details about complex formation are available at**

<http://en.wikipedia.org/wiki/spin-states-d-electrons>



Summary

We have learnt,

- **Details about Elemental windows**
- **Color Schemes of**
 - **Physical State**
 - **Family**
 - **Electronegativity**
 - **Block**



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Assignment

Explore

- 1 Elemental windows of *Cobalt, Nickel, Copper* and others
- 2 Different Family Color schemes
- 3 *Atomic radius* Color scheme



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About the Spoken Tutorial Project

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Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- Conducts workshops using spoken tutorials
- Gives certificates to those who pass an online test
- For more details, please write to contact@spoken-tutorial.org



Acknowledgements

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- It is supported by the National Mission on Education through ICT, MHRD, Government of India
- More information on this Mission is available at <http://spoken-tutorial.org/NMEICT-Intro>

