

Converting Colors

CIELCh(65, 61.401, 144.539)

Have a look what the booklet for
CIELCh(65, 61.401, 144.539)
contains.

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Color

CIELCh(65, 61.035, 144.694)

Conversions

Conversions Part 1

Format	Color
Hex	45B25B
RGB	69, 178, 91
RGB Percent	27%, 70%, 36%
CMY	0.7276, 0.3003, 0.6417
CMYK	0.61, 0.00, 0.49, 0.30
HSL	132°, 44%, 49%
HSV	132°, 61%, 70%
XYZ	20.3926, 34.0472, 15.4784
YIQ	135.4910, -37.0370, -50.1650

Conversions

Conversions Part 2

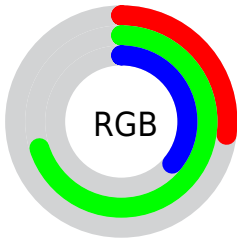
Format	Color
RYB	69, 160, 178
Decimal	4567643
CIELab	65.00, -49.81, 35.27
CIELCh	65, 61.035, 144.694
Yxy	34.0472, 0.2917, 0.4870
Android (android.graphics.Color)	4282757723 (0xFF45B25B)
YUV	135.4910, -21.9341, -58.3126
Hunter-Lab	58.3500, -39.7287, 25.1172

Details

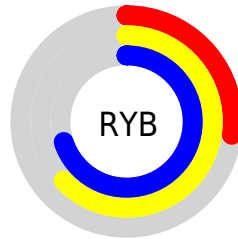
The CIELCh color **65, 61.035, 144.694** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **47, 60.248, 334.684**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 61.018, 144.676**, and **45, 59.380, 143.167** is the 20% darker color. If you saturate the color by 10%, you get **64, 69.185, 143.211**, and if you desaturate by 10%, it is **66, 52.006, 146.027**.

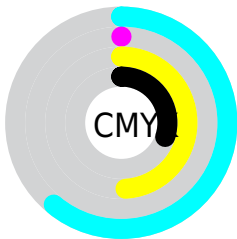
Distribution



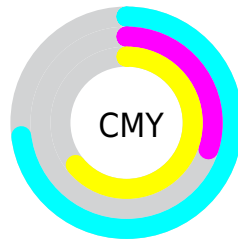
- Red (27%)
- Green (70%)
- Blue (36%)



- Red (27%)
- Yellow (63%)
- Blue (70%)



- Cyan (61%)
- Magenta (0%)
- Yellow (49%)
- Black (30%)





- Cyan (73%)
- Magenta (30%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 61.035, 144.694 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 61.035, 144.694 by changing the saturation by 10% instead.

 65, 61.035,
144.694


 65, 61.035,
144.694


 100, 61.035,
144.694


 55, 61.035,
144.694


 85, 61.035,
144.694

 45, 61.035,
144.694

 95, 61.035,
144.694

 35, 61.035,
144.694

 25, 61.035,
144.694

 15, 61.035,
144.694

 5, 61.035, 144.694

 0, 61.035, 144.694

■ 65, 61.035,
144.694

■ 65, 61.035,
144.694

■ 64, 69.185,
143.211

■ 66, 52.006,
146.027

■ 64, 76.237,
141.613

■ 67, 42.325,
147.200

■ 64, 82.000,
139.971

■ 68, 32.212,
148.220

■ 63, 86.029,
138.631

■ 69, 21.864,
149.103

■ 71, 11.447,
149.873

■ 73, 1.093, 150.764

■ 74, 9.099, 331.041

■ 76, 19.062,
331.553

■ 78, 28.750,
331.993

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 61.035, 144.694



47, 60.248, 334.684

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 61.035, 144.694



65, 61.035, 194.694



65, 61.035, 324.694



65, 61.035, 14.694

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 61.036, 144.694



88, 23.114, 149.326



69, 56.678, 114.158



47, 16.201, 149.093



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 61.036, 144.694



82, 87.111, 142.713



66, 39.757, 169.067



37, 5.852, 150.000



55, 76.434, 138.840



7, 14.596, 149.020

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47, 60.248, 334.684



57, 83.855, 335.728



45, 47.431, 5.110



35, 5.870, 331.112



34, 67.674, 338.051



2, 13.311, 333.633

Previews

White Background



This preview shows how the CIE LCh color 65, 61.035, 144.694 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 61.035, 144.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 61.035, 144.694

Background



This preview shows how black text looks on a background with the CIELCh color 65, 61.035, 144.694.



This preview shows how white text looks on a background with the CIELCh color 65, 61.035, 144.694.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
65, 61.035, 144.694

Protanopia
65, 40.089, 96.291

Deuteranopia
65, 33.360, 76.001



Tritanopia
65, 23.997, 216.758

Trichromacy



Original Color
65, 61.035, 144.694



Protanomaly
64, 43.774, 122.582



Deuteranomaly
63, 35.307, 116.131



Tritanomaly
65, 32.158, 173.182

Monochromacy



Original Color
65, 61.035, 144.694



Achromatopsia
57, 0.007, 296.813



Achromatomaly
59, 23.326, 148.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 61.035, 144.694 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(69, 178, 91)` looks like.

```
.text, #text, p{  
    color:rgb(69, 178, 91)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(69, 178, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 178, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 61.035, 144.694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(69, 178, 91) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(69, 178, 91) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(69, 178, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 178, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 178, 91);  
box-shadow:4px 4px 4px 4px rgb(69, 178,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 61.035, 144.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 178, 91) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(69, 178,  
91) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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