

Converting Colors

CIELCh(65, 11.905, 291.426)

Have a look what the booklet for
CIELCh(65, 11.905, 291.426)
contains.

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Color

CIELCh(65, 11.688, 291.412)

Conversions

Conversions Part 1

Format	Color
Hex	9C9CB1
RGB	156, 156, 177
RGB Percent	61%, 61%, 69%
CMY	0.3880, 0.3880, 0.3056
CMYK	0.12, 0.12, 0.00, 0.31
HSL	240°, 12%, 65%
HSV	240°, 12%, 69%
XYZ	33.5619, 34.0472, 46.4296
YIQ	158.3940, -6.7410, 6.5310

Conversions

Conversions Part 2

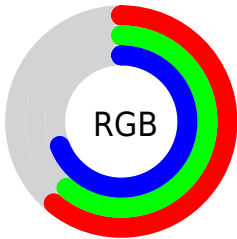
Format	Color
R_{YB}	156, 156, 177
Decimal	10263729
CIE _{Lab}	65.00, 4.27, -10.88
CIE _{LCh}	65, 11.688, 291.412
Yxy	34.0472, 0.2943, 0.2986
Android (android.graphics.Color)	4288453809 (0xFF9C9CB1)
YUV	158.3940, 9.1728, -2.0995
Hunter-Lab	58.3500, 0.5576, -6.3327

Details

The CIELCh color **65, 11.688, 291.412** is a light color, and the websafe version is hex **999999**. A complement of this color would be **72, 11.377, 109.043**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 12.127, 292.843**, and **45, 11.351, 291.761** is the 20% darker color. If you saturate the color by 10%, you get **59, 21.977, 292.645**, and if you desaturate by 10%, it is **71, 1.805, 290.384**.

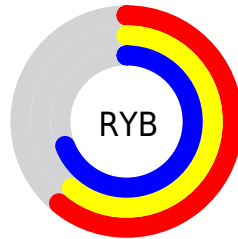
Distribution



Red (61%)

Green (61%)

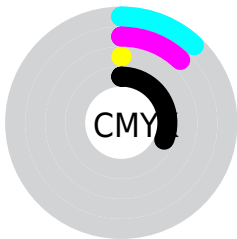
Blue (69%)



Red (61%)

Yellow (61%)

Blue (69%)

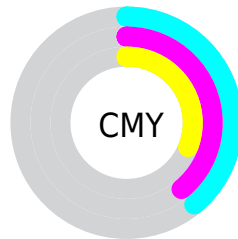


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (31%)



Cyan (39%)


Magenta (39%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 11.688, 291.412 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, 11.688, 291.412 by changing the saturation by 10% instead.


 65, 11.688,
291.412


 65, 11.688,
291.412


 100, 11.688,
291.412


 55, 11.688,
291.412


 85, 11.688,
291.412

 45, 11.688,
291.412

 95, 11.688,
291.412

 35, 11.688,
291.412

 25, 11.688,
291.412

 15, 11.688,
291.412

 5, 11.688, 291.412

 0, 11.688, 291.412

■ 65, 11.688,
291.412

■ 65, 11.688,
291.412

■ 59, 21.977,
292.645

■ 71, 1.805, 290.384

■ 53, 32.708,
294.100

■ 77, 7.698, 109.450

■ 47, 43.897,
295.795

■ 83, 16.851,
108.693

■ 41, 55.518,
297.731

■ 89, 25.679,
108.043

■ 35, 67.417,
299.861

■ 95, 34.205,
107.484

■ 30, 79.146,
302.049

■ 98, 39.087,
107.196

■ 25, 89.719,
304.045

■ 22, 97.571,

305.512

■ 21, 101.774,
306.286

Harmonies

Complementary

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



65, 11.688, 291.412



72, 11.377, 109.043

Rectangle

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



65, 11.688, 291.412



65, 11.688, 341.412



65, 11.688, 111.412



65, 11.688, 161.412

Sweetspot

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



65, 11.686, 291.408



88, 4.799, 290.584



71, 7.642, 197.397



46, 3.411, 290.656



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 11.686, 291.408



81, 17.112, 291.684



66, 12.298, 309.015



34, 5.589, 291.126



17, 91.385, 306.286



1, 13.316, 290.175

Inverse Universe

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



66, 8.218, 20.104



82, 12.089, 20.296



71, 12.092, 127.964



35, 3.911, 19.904



31, 70.927, 39.522



2, 9.156, 19.398

Previews

White Background



This preview shows how the CIELCh color 65, 11.688, 291.412 looks on a white background.

Color Contrast Check

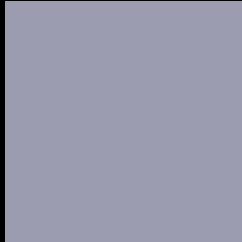
Large Text (above 18pt) WCAG AA × Fail

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, 11.688, 291.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

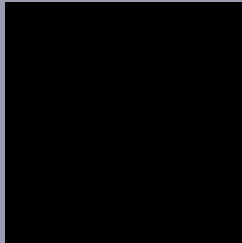
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 11.688, 291.412

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.688, 291.412.



This preview shows how white text looks on a background with the CIELCh color 65, 11.688, 291.412.

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, 11.688, 291.412

Protanopia

65, 11.687, 289.643

Deuteranopia

65, 13.905, 306.772



Tritanopia
65, 7.256, 285.126

Trichromacy



Original Color
65, 11.688, 291.412

Protanomaly
65, 11.687, 289.643

Deuteranomaly
65, 13.023, 301.153

Tritanomaly
65, 8.915, 286.423

Monochromacy



Original Color
65, 11.688, 291.412

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.453, 290.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.688, 291.412 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(156, 156, 177)` looks like.

```
.text, #text, p{  
    color:rgb(156, 156, 177)  
}
```

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(156, 156, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 156, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.688, 291.412 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(156, 156, 177) }
```

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

```
.border{ border-color:rgb(156, 156, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 156, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 156, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 156, 177);  
box-shadow:4px 4px 4px 4px rgb(156, 156,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.688, 291.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 156, 177) }
```

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

```
.background{ background-color: rgb(156,  
156, 177) }
```

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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