

Converting Colors

CIELCh(65, 27.878, 291.925)

Have a look what the booklet for
CIELCh(65, 27.878, 291.925)
contains.

CIELCh(65, 27.816, 291.685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 27.816, 291.685)

Conversions

Conversions Part 1

Format	Color
Hex	989ACC
RGB	152, 154, 204
RGB Percent	60%, 60%, 80%
CMY	0.4047, 0.3969, 0.2009
CMYK	0.26, 0.25, 0.00, 0.20
HSL	238°, 34%, 70%
HSV	238°, 26%, 80%
XYZ	35.3037, 34.0472, 61.6999
YIQ	159.1020, -17.2420, 15.1260

Conversions

Conversions Part 2

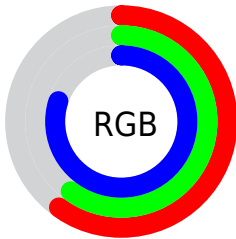
Format	Color
R _Y B	152, 154, 204
Decimal	10001100
CIE Lab	65.00, 10.28, -25.85
CIE LCh	65, 27.816, 291.685
Yxy	34.0472, 0.2694, 0.2598
Android (android.graphics.Color)	4288191180 (0xFF989ACC)
YUV	159.1020, 22.1347, -6.2285
Hunter-Lab	58.3500, 5.8863, -21.8490

Details

The CIELCh color $65, 27.816, 291.685$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $80, 26.312, 106.051$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.767, 291.498$, and $45, 28.047, 291.913$ is the 20% darker color. If you saturate the color by 10%, you get $58, 39.522, 293.283$, and if you desaturate by 10%, it is $72, 16.580, 290.323$.

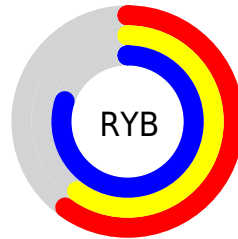
Distribution



Red (60%)

Green (60%)

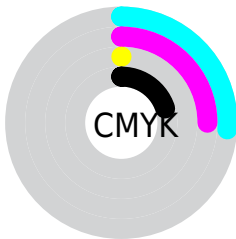
Blue (80%)



Red (60%)

Yellow (60%)

Blue (80%)

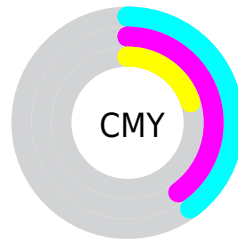


Cyan (26%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (40%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 27.816, 291.685 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, 27.816, 291.685 by changing the saturation by 10% instead.

■ 65, 27.816,
291.685

■ 65, 27.816,
291.685

■ 100, 27.816,
291.685

■ 55, 27.816,
291.685

■ 85, 27.816,
291.685

■ 45, 27.816,
291.685

■ 95, 27.816,
291.685

■ 35, 27.816,
291.685

■ 25, 27.816,
291.685

■ 15, 27.816,
291.685

■ 5, 27.816, 291.685

■ 0, 27.816, 291.685

65, 27.816,
291.685

65, 27.816,
291.685

58, 39.522,
293.283

72, 16.580,
290.323

52, 51.722,
295.139

78, 5.785, 289.174

85, 4.604, 108.158

45, 64.374,
297.249

91, 14.618,
107.330

39, 77.283,
299.549

98, 24.284,
106.613

34, 89.900,
301.881

99, 25.845,
108.216

29, 101.065,
303.970

26, 109.074,
305.482

25, 111.338,

Harmonies

Complementary

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



65, 27.816, 291.685



80, 26.312, 106.051

Rectangle

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



65, 27.816, 291.685



65, 27.816, 341.685



65, 27.816, 111.685



65, 27.816, 161.685

Sweetspot

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



65, 27.815, 291.684



94, 10.116, 289.452



78, 17.828, 193.604



49, 7.209, 289.622



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 27.815, 291.684



75, 41.035, 292.596



66, 30.068, 308.603



39, 5.998, 289.596



20, 95.086, 305.759



2, 22.896, 291.509

Inverse Universe

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



68, 20.824, 18.404



79, 30.974, 19.144



79, 28.914, 126.085



40, 4.371, 16.803



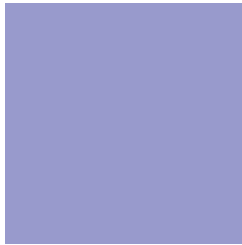
34, 73.985, 38.244



4, 17.928, 17.504

Previews

White Background



This preview shows how the CIELCh color 65, 27.816, 291.685 looks on a white background.

Color Contrast Check

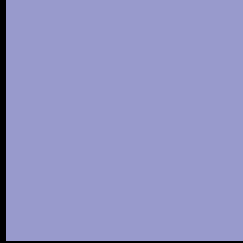
Large Text (above 18pt) WCAG AA × Fail

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, 27.816, 291.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

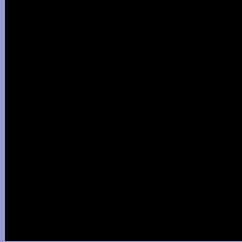
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 27.816, 291.685

Background



This preview shows how black text looks on a background with the CIELCh color 65, 27.816, 291.685.



This preview shows how white text looks on a background with the CIELCh color 65, 27.816, 291.685.

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

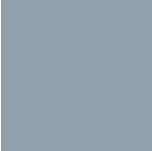
65, 27.816, 291.685

Protanopia

65, 27.400, 284.778

Deuteranopia

65, 27.289, 288.148



Tritanopia
65, 8.265, 253.138

Trichromacy



Original Color
65, 27.816, 291.685

Protanomaly
65, 27.861, 287.650

Deuteranomaly
65, 27.271, 288.828

Tritanomaly
65, 14.778, 277.977

Monochromacy



Original Color
65, 27.816, 291.685

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 10.009, 289.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 27.816, 291.685 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(152, 154, 204)` looks like.

```
.text, #text, p{  
    color:rgb(152, 154, 204)  
}
```

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(152, 154, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 154, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 27.816, 291.685 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(152, 154, 204) }
```

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

```
.border{ border-color:rgb(152, 154, 204) }
```

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

Here you see how a box with a 4 pixel rgb(152, 154, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 154, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 154, 204);  
box-shadow:4px 4px 4px 4px rgb(152, 154,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 27.816, 291.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 154, 204) }
```

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

```
.background{ background-color: rgb(152,  
154, 204) }
```

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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