

Converting Colors

CIELCh(65, 21.221, 6.736)

Have a look what the booklet for
CIELCh(65, 21.221, 6.736) contains.

CIELCh(65, 21.293, 6.666)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 21.293, 6.666)

Conversions

Conversions Part 1

Format	Color
Hex	C4909A
RGB	196, 144, 154
RGB Percent	77%, 56%, 60%
CMY	0.2311, 0.4350, 0.3958
CMYK	0.00, 0.27, 0.21, 0.23
HSL	348°, 31%, 67%
HSV	348°, 27%, 77%
XYZ	38.6050, 34.0472, 35.1379
YIQ	160.6880, 27.7820, 14.1340

Conversions

Conversions Part 2

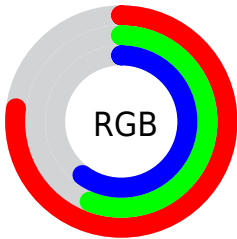
Format	Color
RYB	196, 144, 154
Decimal	12882074
CIELab	65.00, 21.15, 2.47
CIElCh	65, 21.293, 6.666
Yxy	34.0472, 0.3582, 0.3159
Android (android.graphics.Color)	4291072154 (0xFFC4909A)
YUV	160.6880, -3.2972, 30.9686
Hunter-Lab	58.3500, 15.9853, 5.1410

Details

The CIELCh color **65, 21.293, 6.666** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 19.049, 181.446**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 21.186, 6.881**, and **45, 21.248, 6.419** is the 20% darker color. If you saturate the color by 10%, you get **60, 29.931, 8.164**, and if you desaturate by 10%, it is **70, 12.943, 5.428**.

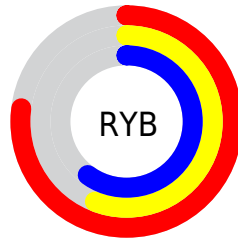
Distribution



Red (77%)

Green (56%)

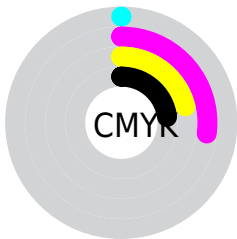
Blue (60%)



Red (77%)

Yellow (56%)

Blue (60%)

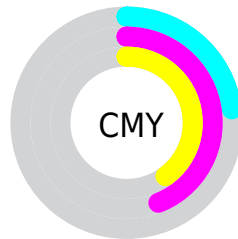


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (23%)



Cyan (23%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 21.293, 6.666 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, 21.293, 6.666 by changing the saturation by 10% instead.

 65, 21.293, 6.666  65, 21.293, 6.666

 100, 21.293, 6.666  55, 21.293, 6.666

 85, 21.293, 6.666  45, 21.293, 6.666

 95, 21.293, 6.666  35, 21.293, 6.666

 25, 21.293, 6.666

 15, 21.293, 6.666

 5, 21.293, 6.666

 0, 21.293, 6.666

 65, 21.293, 6.666  65, 21.293, 6.666

 60, 29.931, 8.164  70, 12.943, 5.428

■ 55, 38.698, 10.003

■ 76, 4.976, 4.335

■ 51, 47.342, 12.308

■ 81, 2.576, 183.752

■ 47, 55.539, 15.225

■ 87, 9.711, 182.844

■ 45, 62.965, 18.898

■ 92, 16.451,
182.151

■ 42, 69.420, 23.399

■ 96, 19.822,
189.353

■ 41, 74.934, 28.554

■ 41, 76.811, 30.272

■ 96, 19.292,
198.232

Harmonies

Complementary

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



65, 21.293, 6.666



75, 19.049, 181.446

Rectangle

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



65, 21.293, 6.666



65, 21.293, 56.666



65, 21.293, 186.666



65, 21.293, 236.666

Sweetspot

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



65, 21.291, 6.670



95, 7.588, 4.510



65, 32.516, 319.979



50, 5.415, 4.674



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, 21.291, 6.670



79, 32.212, 7.527



69, 17.244, 49.946



38, 4.317, 4.642



33, 65.753, 29.400



3, 14.267, 9.029

Inverse Universe

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



65, 21.291, 6.670



79, 32.212, 7.527



71, 14.746, 234.061



38, 4.317, 4.642



33, 65.753, 29.400



3, 14.267, 9.029

Previews

White Background



This preview shows how the CIELCh color 65, 21.293, 6.666 looks on a white background.

Color Contrast Check

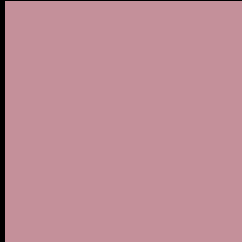
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 21.293, 6.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

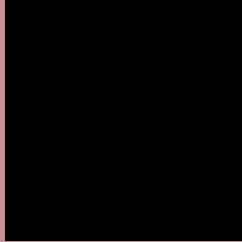
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 21.293, 6.666

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.293, 6.666.



This preview shows how white text looks on a background with the CIELCh color 65, 21.293, 6.666.

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, 21.293, 6.666

Protanopia

65, 3.022, 312.565

Deuteranopia

65, 8.690, 23.798



Tritanopia
65, 21.391, 5.220

Trichromacy



Original Color
65, 21.293, 6.666

Protanomaly
65, 9.019, 354.792

Deuteranomaly
65, 13.150, 13.448

Tritanomaly
65, 21.391, 5.220

Monochromacy



Original Color
65, 21.293, 6.666

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.569, 7.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.293, 6.666 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(196, 144, 154)` looks like.

```
.text, #text, p{  
    color:rgb(196, 144, 154)  
}
```

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(196, 144, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 144, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.293, 6.666 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(196, 144, 154) }
```

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

```
.border{ border-color:rgb(196, 144, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 144, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 144, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 144, 154);  
box-shadow:4px 4px 4px 4px rgb(196, 144,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.293, 6.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 144, 154) }
```

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

```
.background{ background-color: rgb(196,  
144, 154) }
```

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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