

Converting Colors

CIELCh(65, 21.391, 5.220)

Have a look what the booklet for
CIELCh(65, 21.391, 5.220) contains.

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Color

CIELCh(65, 21.391, 5.220)

Conversions

Conversions Part 1

Format	Color
Hex	C4909B
RGB	196, 144, 155
RGB Percent	77%, 56%, 61%
CMY	0.2314, 0.4353, 0.3922
CMYK	0.00, 0.27, 0.21, 0.23
HSL	347°, 31%, 67%
HSV	347°, 27%, 77%
XYZ	38.6530, 34.0472, 35.5433
YIQ	160.8020, 27.4610, 14.4450

Conversions

Conversions Part 2

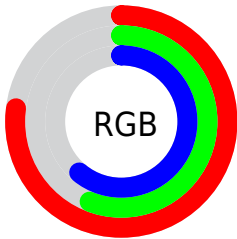
Format	Color
RYB	196, 144, 155
Decimal	12882075
CIELab	65.00, 21.30, 1.95
CIElCh	65, 21.391, 5.220
Yxy	34.0472, 0.3571, 0.3145
Android (android.graphics.Color)	4291072155 (0xFFC4909B)
YUV	160.8020, -2.8604, 30.8686
Hunter-Lab	58.3500, 16.1319, 4.7291

Details

The CIELCh color **65, 21.391, 5.220** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 19.259, 179.931**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 21.283, 5.505**, and **45, 21.344, 4.863** is the 20% darker color. If you saturate the color by 10%, you get **60, 30.020, 6.715**, and if you desaturate by 10%, it is **70, 13.023, 3.979**.

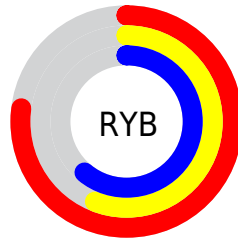
Distribution



Red (77%)

Green (56%)

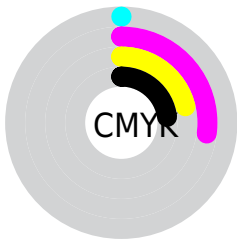
Blue (61%)



Red (77%)

Yellow (56%)

Blue (61%)

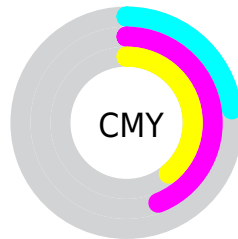


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (23%)



Cyan (23%)

Magenta (44%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 21.391, 5.220 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, 21.391, 5.220 by changing the saturation by 10% instead.

 65, 21.391, 5.220

 65, 21.391, 5.220

 100, 21.391, 5.220

 55, 21.391, 5.220

 85, 21.391, 5.220

 45, 21.391, 5.220

 95, 21.391, 5.220

 35, 21.391, 5.220

 25, 21.391, 5.220

 15, 21.391, 5.220

 5, 21.391, 5.220

 0, 21.391, 5.220

 65, 21.391, 5.220

 65, 21.391, 5.220

 60, 30.020, 6.715

 70, 13.023, 3.979

■ 55, 38.745, 8.545

■ 76, 5.016, 2.879

■ 51, 47.303, 10.831

■ 81, 2.590, 182.280

■ 47, 55.364, 13.721

■ 87, 9.792, 181.361

■ 45, 62.594, 17.367

■ 92, 16.607,
180.654

■ 43, 68.796, 21.859

■ 96, 20.030,
187.384

■ 41, 74.033, 27.067

■ 41, 75.824, 28.824

■ 96, 19.314,
198.231

Harmonies

Complementary

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



65, 21.391, 5.220



75, 19.259, 179.931

Rectangle

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



65, 21.391, 5.220



65, 21.391, 55.220



65, 21.391, 185.220



65, 21.391, 235.220

Sweetspot

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



65, 21.389, 5.224



95, 7.641, 3.054



65, 32.386, 319.467



50, 5.452, 3.219



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, 21.389, 5.224



79, 32.331, 6.080



68, 17.324, 48.094



38, 4.347, 3.187



33, 64.951, 27.933



3, 14.319, 8.019

Inverse Universe

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



65, 21.389, 5.224



79, 32.331, 6.080



72, 14.738, 231.789



38, 4.347, 3.187



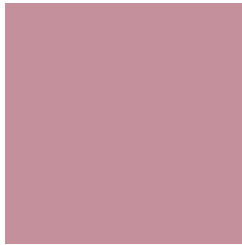
33, 64.951, 27.933



3, 14.319, 8.019

Previews

White Background



This preview shows how the CIELCh color 65, 21.391, 5.220 looks on a white background.

Color Contrast Check

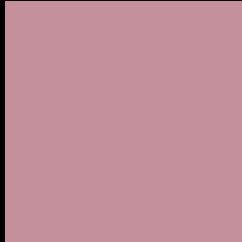
Large Text (above 18pt) WCAG AA × Fail

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, 21.391, 5.220 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, 21.391, 5.220

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.391, 5.220.



This preview shows how white text looks on a background with the CIELCh color 65, 21.391, 5.220.

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, 21.391, 5.220

Protanopia

65, 3.435, 303.228

Deuteranopia

65, 8.651, 20.168



Tritanopia
65, 21.391, 5.220

Trichromacy



Original Color
65, 21.391, 5.220

Protanomaly
65, 8.919, 350.424

Deuteranomaly
65, 13.199, 11.069

Tritanomaly
65, 21.391, 5.220

Monochromacy



Original Color
65, 21.391, 5.220

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.695, 3.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.391, 5.220 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(196, 144, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 144, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.391, 5.220 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, 155) }
```

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

```
.border{ border-color:rgb(196, 144, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 144, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 144, 155);  
box-shadow:4px 4px 4px 4px rgb(196, 144,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.391, 5.220 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, 155) }
```

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

```
.background{ background-color: rgb(196,  
144, 155) }
```

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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