

Converting Colors

CIELCh(65, 22.359, 65.473)

Have a look what the booklet for
CIELCh(65, 22.359, 65.473) contains.

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Color

CIELCh(65, 22.392, 65.454)

Conversions

Conversions Part 1

Format	Color
Hex	BB977A
RGB	187, 151, 122
RGB Percent	73%, 59%, 48%
CMY	0.2672, 0.4083, 0.5220
CMYK	0.00, 0.19, 0.35, 0.27
HSL	27°, 32%, 61%
HSV	27°, 35%, 73%
XYZ	35.0169, 34.0472, 23.1019
YIQ	158.4580, 30.7650, -1.3870

Conversions

Conversions Part 2

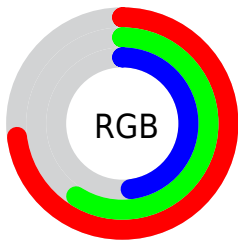
Format	Color
RYB	187, 174, 122
Decimal	12294010
CIELab	65.00, 9.30, 20.37
CIElCh	65, 22.392, 65.454
Yxy	34.0472, 0.3799, 0.3694
Android (android.graphics.Color)	4290484090 (0xFFBB977A)
YUV	158.4580, -17.9738, 25.0313
Hunter-Lab	58.3500, 5.0089, 17.3709

Details

The CIELCh color **65, 22.392, 65.454** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **63, 19.652, 254.771**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 22.157, 64.875**, and **45, 22.594, 64.852** is the 20% darker color. If you saturate the color by 10%, you get **62, 29.657, 64.361**, and if you desaturate by 10%, it is **68, 15.506, 66.571**.

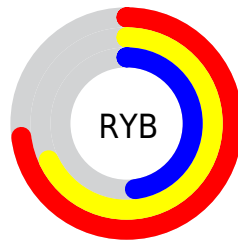
Distribution



Red (73%)

Green (59%)

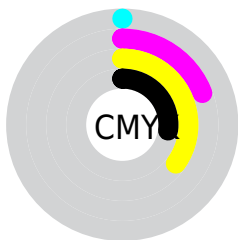
Blue (48%)



Red (73%)

Yellow (68%)

Blue (48%)

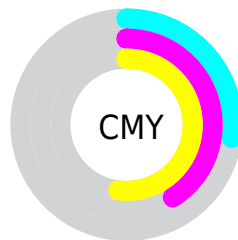


Cyan (0%)

Magenta (19%)

Yellow (35%)

Black (27%)



Cyan (27%)

Magenta (41%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 22.392, 65.454 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, 22.392, 65.454 by changing the saturation by 10% instead.

■ 65, 22.392, 65.454

■ 65, 22.392, 65.454

■ 100, 22.392,
65.454

■ 55, 22.392, 65.454

■ 85, 22.392, 65.454

■ 45, 22.392, 65.454

■ 95, 22.392, 65.454

■ 35, 22.392, 65.454

■ 25, 22.392, 65.454

■ 15, 22.392, 65.454

■ 5, 22.392, 65.454

■ 0, 22.392, 65.454

■ 65, 22.392, 65.454

■ 65, 22.392, 65.454

■ 62, 29.657, 64.361

■ 68, 15.506, 66.571

■ 59, 37.275, 63.272

■ 71, 8.993, 67.679

■ 56, 45.146, 62.168

■ 74, 2.826, 68.710

■ 54, 53.029, 60.975

■ 78, 3.026, 250.090

■ 51, 60.414, 59.521

■ 81, 8.595, 251.101

■ 49, 66.407, 57.469

■ 84, 13.915,
252.151

■ 48, 69.181, 56.349

■ 87, 19.014,
253.179

■ 90, 18.382,
235.915

■ 93, 19.106,
215.687

Harmonies

Complementary

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



65, 22.392, 65.454



63, 19.652, 254.771

Rectangle

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



65, 22.392, 65.454



65, 22.392, 115.454



65, 22.392, 245.454



65, 22.392, 295.454

Sweetspot

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



65, 22.392, 65.461



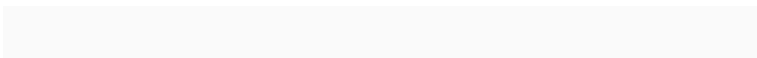
92, 7.419, 68.179



59, 32.147, 343.260



49, 5.123, 68.028



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 22.392, 65.461



80, 34.147, 64.591



73, 32.389, 103.814



38, 3.425, 68.263



41, 60.923, 56.868



5, 10.032, 53.765

Inverse Universe

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



63, 19.652, 254.771



77, 28.965, 256.546



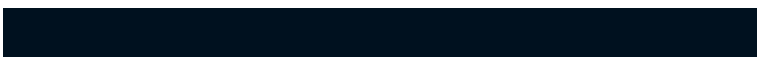
55, 34.884, 291.973



38, 3.325, 250.581



37, 44.812, 277.638



4, 10.947, 263.601

Previews

White Background



This preview shows how the CIELCh color 65, 22.392, 65.454 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, 22.392, 65.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

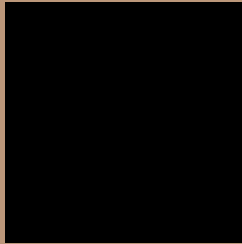
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 22.392, 65.454

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.392, 65.454.



This preview shows how white text looks on a background with the CIELCh color 65, 22.392, 65.454.

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, 22.392, 65.454

Protanopia

65, 18.672, 95.369

Deuteranopia

65, 21.906, 68.734



Tritanopia
65, 18.664, 2.386

Trichromacy



Original Color
65, 22.392, 65.454

Protanomaly
65, 19.144, 82.371

Deuteranomaly
65, 22.195, 67.905

Tritanomaly
65, 17.220, 28.302

Monochromacy



Original Color
65, 22.392, 65.454

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.861, 64.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.392, 65.454 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(187, 151, 122)` looks like.

```
.text, #text, p{  
    color:rgb(187, 151, 122)  
}
```

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(187, 151, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 151, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.392, 65.454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

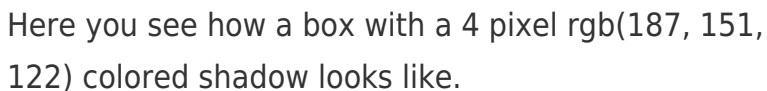
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 151, 122) }
```

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

```
.border{ border-color:rgb(187, 151, 122) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 151, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 151, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 151, 122);  
box-shadow:4px 4px 4px 4px rgb(187, 151,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.392, 65.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 151, 122) }
```

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

```
.background{ background-color: rgb(187,  
151, 122) }
```

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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