

Converting Colors

CIELCh(65, 24.178, 70.764)

Have a look what the booklet for
CIELCh(65, 24.178, 70.764) contains.

CIELCh(65, 24.448, 71.578)	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, 24.448, 71.578)

Conversions

Conversions Part 1

Format	Color
Hex	BA9875
RGB	186, 152, 117
RGB Percent	73%, 60%, 46%
CMY	0.2717, 0.4050, 0.5422
CMYK	0.00, 0.18, 0.37, 0.27
HSL	30°, 33%, 59%
HSV	30°, 37%, 73%
XYZ	34.5570, 34.0472, 21.4981
YIQ	158.1760, 31.4990, -3.6770

Conversions

Conversions Part 2

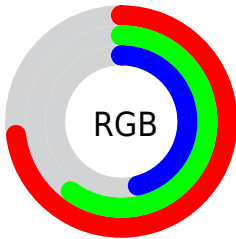
Format	Color
RYB	184, 186, 117
Decimal	12228725
CIELab	65.00, 7.73, 23.20
CIElCh	65, 24.448, 71.578
Yxy	34.0472, 0.3835, 0.3779
Android (android.graphics.Color)	4290418805 (0xFFBA9875)
YUV	158.1760, -20.2998, 24.4016
Hunter-Lab	58.3500, 3.6019, 19.0005

Details

The CIELCh color $65, 24.448, 71.578$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $61, 22.137, 262.392$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.504, 71.603$, and $45, 24.466, 71.994$ is the 20% darker color. If you saturate the color by 10%, you get $62, 31.727, 70.308$, and if you desaturate by 10%, it is $68, 17.461, 72.845$.

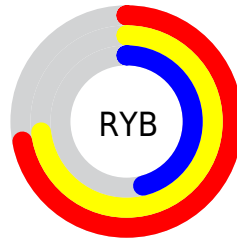
Distribution



Red (73%)

Green (60%)

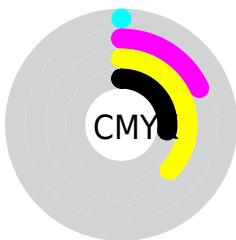
Blue (46%)



Red (72%)

Yellow (73%)

Blue (46%)

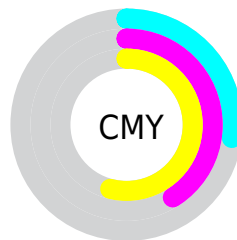


Cyan (0%)

Magenta (18%)

Yellow (37%)

Black (27%)



Cyan (27%)

Magenta (41%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 24.448, 71.578 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, 24.448, 71.578 by changing the saturation by 10% instead.

■ 65, 24.448, 71.578

■ 65, 24.448, 71.578

■ 100, 24.448,
71.578

■ 55, 24.448, 71.578

■ 85, 24.448, 71.578

■ 45, 24.448, 71.578

■ 95, 24.448, 71.578

■ 35, 24.448, 71.578

■ 25, 24.448, 71.578

■ 15, 24.448, 71.578

■ 5, 24.448, 71.578

■ 0, 24.448, 71.578

■ 65, 24.448, 71.578

■ 65, 24.448, 71.578

■ 62, 31.727, 70.308

■ 68, 17.461, 72.845

60, 39.238, 69.008

71, 10.778, 74.085

57, 46.835, 67.647

73, 4.388, 75.271

55, 54.198, 66.139

76, 1.731, 256.753

53, 60.723, 64.295

79, 7.603, 257.773

51, 65.628, 61.853

82, 13.254,
258.889

50, 66.977, 61.186

85, 18.710,
259.974

88, 19.767,
251.907

90, 18.649,
234.485

Harmonies

Complementary

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



65, 24.448, 71.578



61, 22.137, 262.392

Rectangle

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



65, 24.448, 71.578



65, 24.448, 121.578



65, 24.448, 251.578



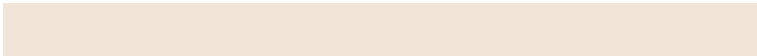
65, 24.448, 301.578

Sweetspot

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



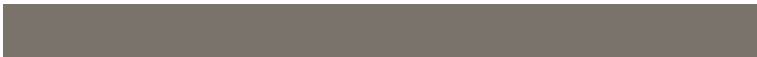
65, 24.448, 71.584



92, 8.469, 74.804



57, 32.799, 347.236



49, 5.754, 74.642



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, 24.448, 71.584



80, 37.474, 70.487



74, 36.525, 106.635



37, 3.467, 75.022



42, 58.606, 61.740



5, 8.787, 62.019

Inverse Universe

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



61, 22.137, 262.392



74, 33.080, 264.469



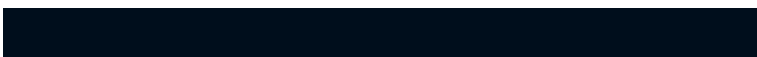
52, 40.098, 294.989



37, 3.397, 257.478



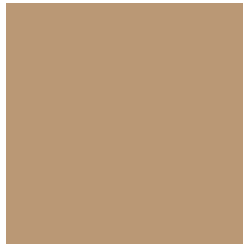
33, 49.997, 284.141



4, 10.283, 267.943

Previews

White Background



This preview shows how the CIELCh color 65, 24.448, 71.578 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, 24.448, 71.578 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, 24.448, 71.578

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.448, 71.578.



This preview shows how white text looks on a background with the CIELCh color 65, 24.448, 71.578.

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, 24.448, 71.578

Protanopia

65, 21.978, 95.716

Deuteranopia

65, 24.586, 69.319



Tritanopia
65, 18.438, 0.283

Trichromacy



Original Color
65, 24.448, 71.578

Protanomaly
65, 22.517, 86.974

Deuteranomaly
65, 24.586, 69.319

Tritanomaly
65, 16.524, 30.454

Monochromacy



Original Color
65, 24.448, 71.578

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.648, 75.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.448, 71.578 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(186, 152, 117)` looks like.

```
.text, #text, p{  
    color:rgb(186, 152, 117)  
}
```

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(186, 152, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 152, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.448, 71.578 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(186, 152, 117) }
```

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

```
.border{ border-color:rgb(186, 152, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 152, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 152, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 152, 117);  
box-shadow:4px 4px 4px 4px rgb(186, 152,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.448, 71.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 152, 117) }
```

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

```
.background{ background-color: rgb(186,  
152, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor