

Converting Colors

CIELCh(65, 24.992, 83.616)

Have a look what the booklet for
CIELCh(65, 24.992, 83.616) contains.

CIELCh(65, 24.767, 84.330)	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, 24.767, 84.330)

Conversions

Conversions Part 1

Format	Color
Hex	B29B72
RGB	178, 155, 114
RGB Percent	70%, 61%, 45%
CMY	0.3026, 0.3928, 0.5535
CMYK	0.00, 0.13, 0.36, 0.30
HSL	38°, 29%, 57%
HSV	38°, 36%, 70%
XYZ	33.0460, 34.0472, 20.7047
YIQ	157.2030, 26.8690, -7.8750

Conversions

Conversions Part 2

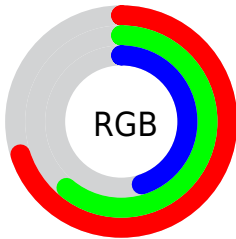
Format	Color
RYB	150, 178, 114
Decimal	11705202
CIELab	65.00, 2.45, 24.65
CIElCh	65, 24.767, 84.330
Yxy	34.0472, 0.3764, 0.3878
Android (android.graphics.Color)	4289895282 (0xFFB29B72)
YUV	157.2030, -21.2991, 18.2390
Hunter-Lab	58.3500, -1.0205, 19.8067

Details

The CIELCh color $65, 24.767, 84.330$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $57, 24.289, 274.828$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.831, 83.634$, and $45, 24.981, 84.653$ is the 20% darker color. If you saturate the color by 10%, you get $63, 31.957, 82.954$, and if you desaturate by 10%, it is $67, 17.682, 85.676$.

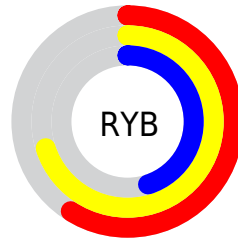
Distribution



Red (70%)

Green (61%)

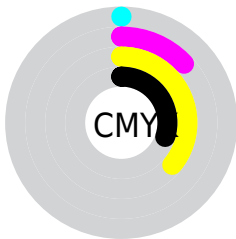
Blue (45%)



Red (59%)

Yellow (70%)

Blue (45%)

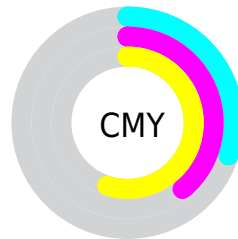


Cyan (0%)

Magenta (13%)

Yellow (36%)

Black (30%)



Cyan (30%)

Magenta (39%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 24.767, 84.330 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, 24.767, 84.330 by changing the saturation by 10% instead.

■ 65, 24.767, 84.330

■ 65, 24.767, 84.330

■ 100, 24.767,
84.330

■ 55, 24.767, 84.330

■ 85, 24.767, 84.330

■ 45, 24.767, 84.330

■ 95, 24.767, 84.330

■ 35, 24.767, 84.330

■ 25, 24.767, 84.330

■ 15, 24.767, 84.330

■ 5, 24.767, 84.330

■ 0, 24.767, 84.330

■ 65, 24.767, 84.330

■ 65, 24.767, 84.330

■ 63, 31.957, 82.954

■ 67, 17.682, 85.676

61, 39.155, 81.525

69, 10.743, 86.974

59, 46.173, 80.025

71, 3.967, 88.201

57, 52.667, 78.397

73, 2.648, 269.571

56, 58.069, 76.525

76, 9.109, 270.678

54, 61.690, 74.232

78, 15.425,
271.789

53, 62.953, 73.290

80, 21.609,
272.854

82, 27.122,
273.375

84, 24.605,
265.809

Harmonies

Complementary

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



65, 24.767, 84.330



57, 24.289, 274.828

Rectangle

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



65, 24.767, 84.330



65, 24.767, 134.330



65, 24.767, 264.330



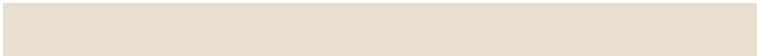
65, 24.767, 314.330

Sweetspot

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



65, 24.768, 84.336



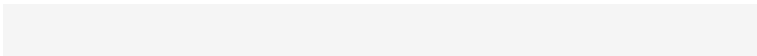
89, 9.125, 87.575



55, 28.653, 355.466



47, 6.192, 87.409



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 24.768, 84.336



81, 37.032, 83.266



70, 34.403, 112.681



37, 3.786, 87.804



46, 56.341, 73.686



5, 8.223, 78.703

Inverse Universe

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



57, 24.289, 274.828



69, 36.218, 276.571



51, 37.493, 298.935



35, 3.776, 270.247



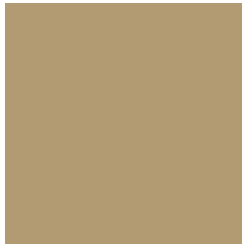
27, 63.051, 294.512



2, 9.917, 275.343

Previews

White Background



This preview shows how the CIELCh color 65, 24.767, 84.330 looks on a white background.

Color Contrast Check

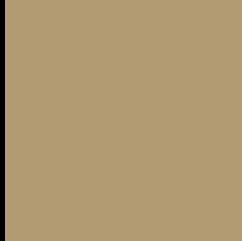
Large Text (above 18pt) WCAG AA × Fail

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, 24.767, 84.330 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, 24.767, 84.330

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.767, 84.330.



This preview shows how white text looks on a background with the CIELCh color 65, 24.767, 84.330.

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, 24.767, 84.330

Protanopia

65, 24.204, 95.497

Deuteranopia

65, 25.492, 70.659



Tritanopia
65, 14.545, 356.169

Trichromacy



Original Color
65, 24.767, 84.330

Protanomaly
65, 24.144, 91.322

Deuteranomaly
65, 24.857, 74.441

Tritanomaly
65, 12.958, 40.283

Monochromacy



Original Color
65, 24.767, 84.330

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.051, 85.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.767, 84.330 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(178, 155, 114)` looks like.

```
.text, #text, p{  
    color:rgb(178, 155, 114)  
}
```

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(178, 155, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 155, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.767, 84.330 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(178, 155, 114) }
```

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

```
.border{ border-color:rgb(178, 155, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 155, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 155, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 155, 114);  
box-shadow:4px 4px 4px 4px rgb(178, 155,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.767, 84.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 155, 114) }
```

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

```
.background{ background-color: rgb(178,  
155, 114) }
```

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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