

Converting Colors

CIELCh(65, 35.345, 50.524)

Have a look what the booklet for
CIELCh(65, 35.345, 50.524) contains.

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Color

CIELCh(65, 35.335, 51.107)

Conversions

Conversions Part 1

Format	Color
Hex	D28E6E
RGB	210, 142, 110
RGB Percent	82%, 56%, 43%
CMY	0.1776, 0.4441, 0.5696
CMYK	0.00, 0.32, 0.48, 0.18
HSL	19°, 52%, 63%
HSV	19°, 48%, 82%
XYZ	38.9302, 34.0472, 19.2002
YIQ	158.6840, 50.8000, 4.4640

Conversions

Conversions Part 2

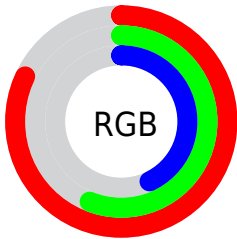
Format	Color
R_{YB}	210, 157, 110
Decimal	13799022
CIE _{Lab}	65.00, 22.19, 27.50
CIE _{LCh}	65, 35.335, 51.107
Yxy	34.0472, 0.4223, 0.3694
Android (android.graphics.Color)	4291989102 (0xFFD28E6E)
YUV	158.6840, -24.0012, 45.0041
Hunter-Lab	58.3500, 16.9799, 21.3355

Details

The CIELCh color **65, 35.335, 51.107** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **69, 26.269, 240.526**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 30.219, 56.507**, and **45, 35.440, 50.616** is the 20% darker color. If you saturate the color by 10%, you get **61, 44.329, 50.758**, and if you desaturate by 10%, it is **69, 26.885, 51.569**.

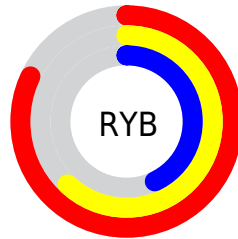
Distribution



Red (82%)

Green (56%)

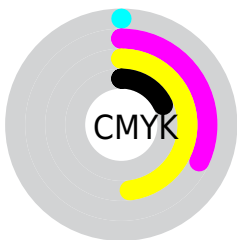
Blue (43%)



Red (82%)

Yellow (62%)

Blue (43%)

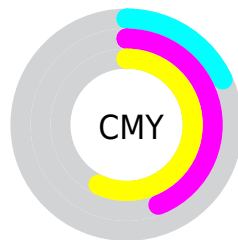


Cyan (0%)

Magenta (32%)

Yellow (48%)

Black (18%)



Cyan (18%)

Magenta (44%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 35.335, 51.107 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, 35.335, 51.107 by changing the saturation by 10% instead.

65, 35.335, 51.107

65, 35.335, 51.107

100, 35.335,
51.107

55, 35.335, 51.107

85, 35.335, 51.107

45, 35.335, 51.107

95, 35.335, 51.107

35, 35.335, 51.107

25, 35.335, 51.107

15, 35.335, 51.107

5, 35.335, 51.107

0, 35.335, 51.107

65, 35.335, 51.107

65, 35.335, 51.107

61, 44.329, 50.758

69, 26.885, 51.569

58, 53.750, 50.484

73, 19.010, 52.120

55, 63.285, 50.194

77, 11.691, 52.742

52, 72.227, 49.632

81, 4.889, 53.381

50, 79.383, 48.371

85, 1.444, 234.582

49, 80.957, 48.133

89, 7.360, 235.064

94, 12.495,
232.694

97, 15.091,
198.501

Harmonies

Complementary

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



65, 35.335, 51.107



69, 26.269, 240.526

Rectangle

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



65, 35.335, 51.107



65, 35.335, 101.107



65, 35.335, 231.107



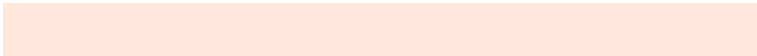
65, 35.335, 281.107

Sweetspot

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



65, 35.334, 51.112



93, 10.719, 52.970



60, 51.458, 338.748



49, 7.460, 52.828



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, 35.334, 51.112



74, 51.348, 50.759



77, 43.505, 95.813



42, 3.634, 53.276



40, 68.341, 48.669



7, 16.682, 38.953

Inverse Universe

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



69, 26.269, 240.526



80, 35.422, 242.993



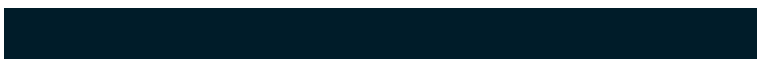
55, 46.828, 289.113



42, 3.464, 234.921



46, 36.942, 259.376



9, 12.900, 247.624

Previews

White Background



This preview shows how the CIELCh color 65, 35.335, 51.107 looks on a white background.

Color Contrast Check

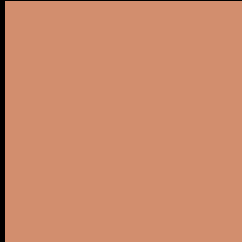
Large Text (above 18pt) WCAG AA × Fail

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, 35.335, 51.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

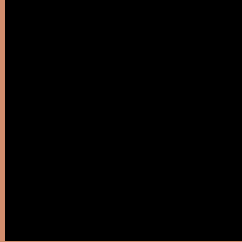
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 35.335, 51.107

Background



This preview shows how black text looks on a background with the CIELCh color 65, 35.335, 51.107.



This preview shows how white text looks on a background with the CIELCh color 65, 35.335, 51.107.

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, 35.335, 51.107

Protanopia

65, 23.139, 95.095

Deuteranopia

65, 29.274, 73.193



Tritanopia
65, 31.074, 12.673

Trichromacy



Original Color
65, 35.335, 51.107

Protanomaly
65, 25.332, 75.022

Deuteranomaly
65, 30.875, 64.039

Tritanomaly
65, 30.839, 28.490

Monochromacy



Original Color
65, 35.335, 51.107

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 12.181, 53.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 35.335, 51.107 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(210, 142, 110)` looks like.

```
.text, #text, p{  
    color:rgb(210, 142, 110)  
}
```

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(210, 142, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 142, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 35.335, 51.107 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(210, 142, 110) }
```

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

```
.border{ border-color:rgb(210, 142, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 142, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 142, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 142, 110);  
box-shadow:4px 4px 4px 4px rgb(210, 142,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 35.335, 51.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 142, 110) }
```

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

```
.background{ background-color: rgb(210,  
142, 110) }
```

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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