

Converting Colors

CIELCh(65, 40.120, 58.164)

Have a look what the booklet for
CIELCh(65, 40.120, 58.164) contains.

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Color

CIELCh(65, 40.182, 57.678)

Conversions

Conversions Part 1

Format	Color
Hex	D38E62
RGB	211, 142, 98
RGB Percent	83%, 56%, 38%
CMY	0.1728, 0.4434, 0.6159
CMYK	0.00, 0.33, 0.54, 0.17
HSL	23°, 56%, 61%
HSV	23°, 54%, 83%
XYZ	38.7100, 34.0472, 16.0725
YIQ	157.6150, 55.2480, 0.9440

Conversions

Conversions Part 2

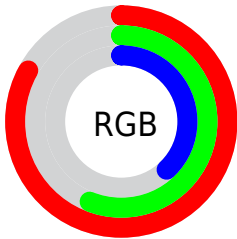
Format	Color
R_{YB}	211, 170, 98
Decimal	13864546
CIE _{Lab}	65.00, 21.48, 33.96
CIE _{LCh}	65, 40.182, 57.678
Yxy	34.0472, 0.4358, 0.3833
Android (android.graphics.Color)	4292054626 (0xFFD38E62)
YUV	157.6150, -29.3902, 46.8186
Hunter-Lab	58.3500, 16.3064, 24.5135

Details

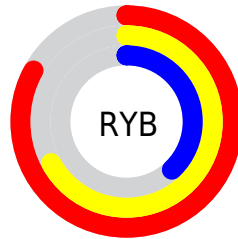
The CIELCh color **65, 40.182, 57.678** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 30.532, 252.047**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 35.181, 64.329**, and **45, 40.225, 57.505** is the 20% darker color. If you saturate the color by 10%, you get **62, 49.127, 56.888**, and if you desaturate by 10%, it is **68, 31.634, 58.508**.

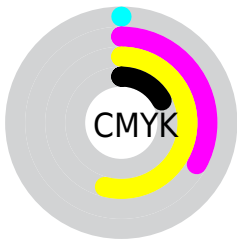
Distribution



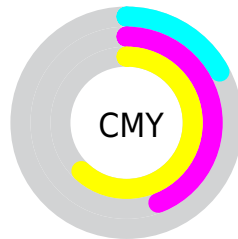
- Red (83%)
- Green (56%)
- Blue (38%)



- Red (83%)
- Yellow (67%)
- Blue (38%)



- Cyan (0%)
- Magenta (33%)
- Yellow (54%)
- Black (17%)



- Cyan (17%)
- Magenta (44%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 40.182, 57.678 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, 40.182, 57.678 by changing the saturation by 10% instead.

 65, 40.182, 57.678

 65, 40.182, 57.678

 100, 40.182,
57.678

 55, 40.182, 57.678

 85, 40.182, 57.678

 45, 40.182, 57.678

 95, 40.182, 57.678

 35, 40.182, 57.678

 25, 40.182, 57.678

 15, 40.182, 57.678

 5, 40.182, 57.678

 0, 40.182, 57.678

 65, 40.182, 57.678

 65, 40.182, 57.678

 62, 49.127, 56.888

 68, 31.634, 58.508

59, 58.241, 56.057

72, 23.572, 59.380

56, 66.994, 55.016

76, 16.008, 60.295

53, 74.369, 53.396

79, 8.919, 61.231

52, 78.245, 52.104

83, 2.268, 62.056

87, 3.988, 243.368

91, 9.895, 244.282

94, 12.334,
223.605

97, 14.705,
198.526

Harmonies

Complementary

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



65, 40.182, 57.678



66, 30.532, 252.047

Rectangle

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



65, 40.182, 57.678



65, 40.182, 107.678



65, 40.182, 237.678



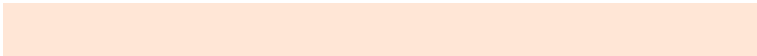
65, 40.182, 287.678

Sweetspot

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



65, 40.181, 57.682



93, 12.374, 60.987



57, 55.032, 342.760



49, 8.411, 60.792



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, 40.181, 57.682



73, 57.874, 56.798



79, 51.660, 99.163



42, 3.655, 61.613



42, 65.793, 52.719



8, 16.133, 45.547

Inverse Universe

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



66, 30.532, 252.047



74, 41.237, 255.581



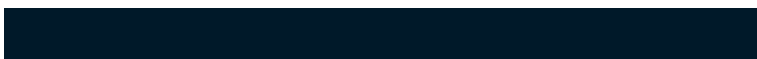
50, 58.083, 293.686



42, 3.516, 243.708



42, 42.031, 270.477



8, 13.945, 258.894

Previews

White Background



This preview shows how the CIE LCh color 65, 40.182, 57.678 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, 40.182, 57.678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

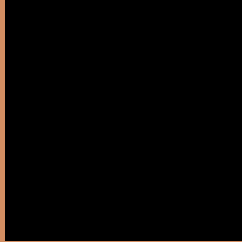
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 40.182, 57.678

Background



This preview shows how black text looks on a background with the CIELCh color 65, 40.182, 57.678.



This preview shows how white text looks on a background with the CIELCh color 65, 40.182, 57.678.

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, 40.182, 57.678

Protanopia

65, 30.205, 95.422

Deuteranopia

65, 35.714, 76.248



Tritanopia
65, 32.324, 13.233

Trichromacy



Original Color
65, 40.182, 57.678

Protanomaly
65, 31.606, 79.010

Deuteranomaly
65, 36.753, 69.019

Tritanomaly
65, 32.653, 31.143

Monochromacy



Original Color
65, 40.182, 57.678

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 13.614, 60.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 40.182, 57.678 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(211, 142, 98)` looks like.

```
.text, #text, p{  
    color:rgb(211, 142, 98)  
}
```

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(211, 142, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 142, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 40.182, 57.678 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(211, 142, 98) }
```

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

```
.border{ border-color:rgb(211, 142, 98) }
```

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

Here you see how a box with a 4 pixel rgb(211, 142, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 142, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 142, 98);  
box-shadow:4px 4px 4px 4px rgb(211, 142,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 40.182, 57.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 142, 98) }
```

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

```
.background{ background-color: rgb(211,  
142, 98) }
```

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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