

Converting Colors

CIELCh(65, 39.078, 59.710)

Have a look what the booklet for
CIELCh(65, 39.078, 59.710) contains.

CIELCh(65, 39.078, 59.710)	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, 39.078, 59.710)

Conversions

Conversions Part 1

Format	Color
Hex	D08F62
RGB	208, 143, 98
RGB Percent	82%, 56%, 38%
CMY	0.1833, 0.4383, 0.6148
CMYK	0.00, 0.31, 0.53, 0.18
HSL	25°, 54%, 60%
HSV	25°, 53%, 82%
XYZ	38.1567, 34.0472, 16.1698
YIQ	157.3050, 53.1850, -0.2150

Conversions

Conversions Part 2

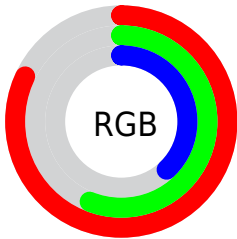
Format	Color
R _Y B	208, 174, 98
Decimal	13668194
CIE Lab	65.00, 19.71, 33.74
CIE LCh	65, 39.078, 59.710
Yxy	34.0472, 0.4318, 0.3853
Android (android.graphics.Color)	4291858274 (0xFFD08F62)
YUV	157.3050, -29.2374, 44.4595
Hunter-Lab	58.3500, 14.6138, 24.4147

Details

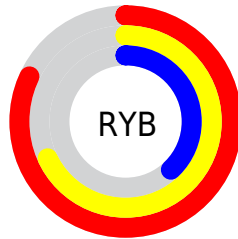
The CIELCh color **65, 39.078, 59.710** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 30.438, 254.519**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 35.245, 65.316**, and **45, 38.989, 59.614** is the 20% darker color. If you saturate the color by 10%, you get **62, 47.811, 58.802**, and if you desaturate by 10%, it is **68, 30.716, 60.645**.

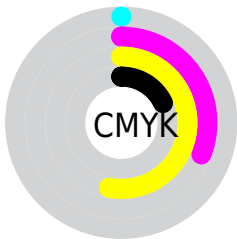
Distribution



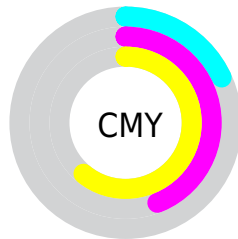
- Red (82%)
- Green (56%)
- Blue (38%)



- Red (82%)
- Yellow (68%)
- Blue (38%)



- Cyan (0%)
- Magenta (31%)
- Yellow (53%)
- Black (18%)



- Cyan (18%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 39.078, 59.710 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, 39.078, 59.710 by changing the saturation by 10% instead.

65, 39.078, 59.710

65, 39.078, 59.710

100, 39.078,
59.710

55, 39.078, 59.710

85, 39.078, 59.710

45, 39.078, 59.710

95, 39.078, 59.710

35, 39.078, 59.710

25, 39.078, 59.710

15, 39.078, 59.710

5, 39.078, 59.710

0, 39.078, 59.710

65, 39.078, 59.710

65, 39.078, 59.710

62, 47.811, 58.802

68, 30.716, 60.645

59, 56.696, 57.844

72, 22.809, 61.609

56, 65.236, 56.679

75, 15.368, 62.604

53, 72.477, 54.967

79, 8.374, 63.607

52, 76.647, 53.428

83, 1.792, 64.448

86, 4.419, 245.840

90, 10.301,
246.810

93, 12.883,
231.172

97, 15.204,
200.457

Harmonies

Complementary

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



65, 39.078, 59.710



65, 30.438, 254.519

Rectangle

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



65, 39.078, 59.710



65, 39.078, 109.710



65, 39.078, 239.710



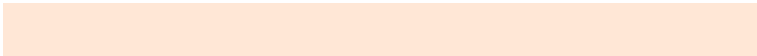
65, 39.078, 289.710

Sweetspot

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



65, 39.077, 59.715



93, 12.429, 63.272



57, 53.287, 343.571



49, 8.446, 63.063



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, 39.077, 59.715



74, 56.628, 58.719



79, 51.206, 100.183



42, 3.674, 63.942



42, 65.104, 54.023



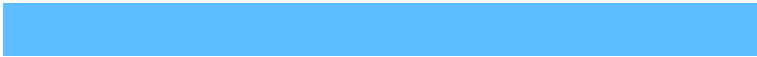
8, 16.003, 47.684

Inverse Universe

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



65, 30.438, 254.519



74, 41.656, 257.977



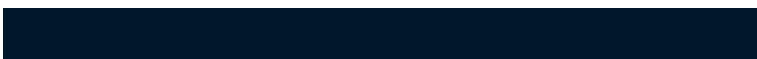
50, 57.768, 294.230



42, 3.546, 246.136



41, 43.716, 273.208



7, 14.312, 261.708

Previews

White Background



This preview shows how the CIELCh color 65, 39.078, 59.710 looks on a white background.

Color Contrast Check

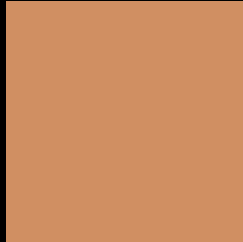
Large Text (above 18pt) WCAG AA × Fail

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, 39.078, 59.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

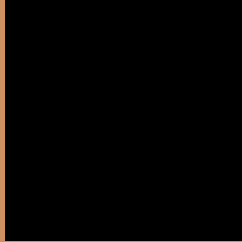
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 39.078, 59.710

Background



This preview shows how black text looks on a background with the CIELCh color 65, 39.078, 59.710.



This preview shows how white text looks on a background with the CIELCh color 65, 39.078, 59.710.

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, 39.078, 59.710

Protanopia

65, 30.205, 95.422

Deuteranopia

65, 34.992, 76.506



Tritanopia
65, 30.671, 12.488

Trichromacy



Original Color
65, 39.078, 59.710

Protanomaly
65, 31.620, 80.791

Deuteranomaly
65, 36.163, 70.075

Tritanomaly
65, 31.087, 32.400

Monochromacy



Original Color
65, 39.078, 59.710

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 13.374, 64.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 39.078, 59.710 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(208, 143, 98)` looks like.

```
.text, #text, p{  
    color:rgb(208, 143, 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(208, 143, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 143, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 39.078, 59.710 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(208, 143, 98) }
```

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

```
.border{ border-color:rgb(208, 143, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 143, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 143, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 143, 98);  
box-shadow:4px 4px 4px 4px rgb(208, 143,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 39.078, 59.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 143, 98) }
```

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

```
.background{ background-color: rgb(208,  
143, 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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