

Converting Colors

CIELCh(65, 41.407, 58.612)

Have a look what the booklet for
CIELCh(65, 41.407, 58.612) contains.

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Color

CIELCh(65, 41.372, 59.126)

Conversions

Conversions Part 1

Format	Color
Hex	D38E5F
RGB	211, 142, 95
RGB Percent	83%, 56%, 37%
CMY	0.1723, 0.4429, 0.6272
CMYK	0.00, 0.33, 0.55, 0.17
HSL	24°, 57%, 60%
HSV	24°, 55%, 83%
XYZ	38.6304, 34.0472, 15.3742
YIQ	157.2730, 56.2110, 0.0110

Conversions

Conversions Part 2

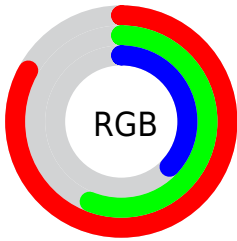
Format	Color
R _Y B	211, 174, 95
Decimal	13864543
CIE Lab	65.00, 21.23, 35.51
CIE LCh	65, 41.372, 59.126
Yxy	34.0472, 0.4387, 0.3867
Android (android.graphics.Color)	4292054623 (0xFFD38E5F)
YUV	157.2730, -30.7006, 47.1186
Hunter-Lab	58.3500, 16.0628, 25.2230

Details

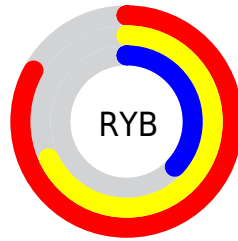
The CIELCh color **65, 41.372, 59.126** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **65, 31.717, 254.628**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 36.406, 65.792**, and **45, 41.463, 58.894** is the 20% darker color. If you saturate the color by 10%, you get **62, 50.280, 58.238**, and if you desaturate by 10%, it is **68, 32.813, 60.035**.

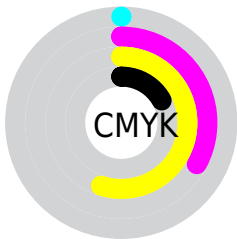
Distribution



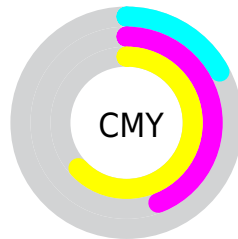
- Red (83%)
- Green (56%)
- Blue (37%)



- Red (83%)
- Yellow (68%)
- Blue (37%)



- Cyan (0%)
- Magenta (33%)
- Yellow (55%)
- Black (17%)



- Cyan (17%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 41.372, 59.126 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, 41.372, 59.126 by changing the saturation by 10% instead.

65, 41.372, 59.126

65, 41.372, 59.126

100, 41.372,
59.126

55, 41.372, 59.126

85, 41.372, 59.126

45, 41.372, 59.126

95, 41.372, 59.126

35, 41.372, 59.126

25, 41.372, 59.126

15, 41.372, 59.126

5, 41.372, 59.126

0, 41.372, 59.126

65, 41.372, 59.126

65, 41.372, 59.126

62, 50.280, 58.238

68, 32.813, 60.035

59, 59.271, 57.279

72, 24.710, 60.975

56, 67.755, 56.059

75, 17.086, 61.950

54, 74.658, 54.190

79, 9.924, 62.942

52, 77.605, 53.133

83, 3.190, 63.871

86, 3.156, 245.191

90, 9.157, 246.118

94, 12.144,
231.045

97, 14.664,
198.529

Harmonies

Complementary

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



65, 41.372, 59.126



65, 31.717, 254.628

Rectangle

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



65, 41.372, 59.126



65, 41.372, 109.126



65, 41.372, 239.126



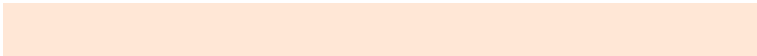
65, 41.372, 289.126

Sweetspot

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



65, 41.371, 59.130



93, 12.417, 62.822



57, 55.745, 343.849



49, 8.438, 62.615



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, 41.371, 59.130



73, 59.813, 58.079



79, 53.664, 99.958



42, 3.670, 63.483



42, 65.238, 53.760



8, 16.028, 47.252

Inverse Universe

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



65, 31.717, 254.628



73, 43.097, 258.525



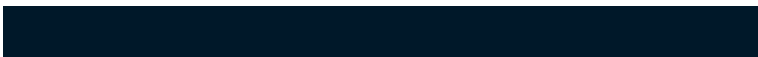
49, 61.008, 294.732



42, 3.539, 245.659



41, 43.375, 272.682



7, 14.238, 261.170

Previews

White Background



This preview shows how the CIELCh color 65, 41.372, 59.126 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 CIE LCh color 65, 41.372, 59.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

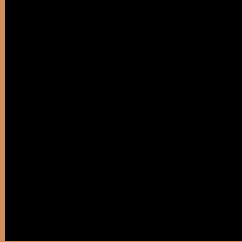
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 41.372, 59.126

Background



This preview shows how black text looks on a background with the CIELCh color 65, 41.372, 59.126.

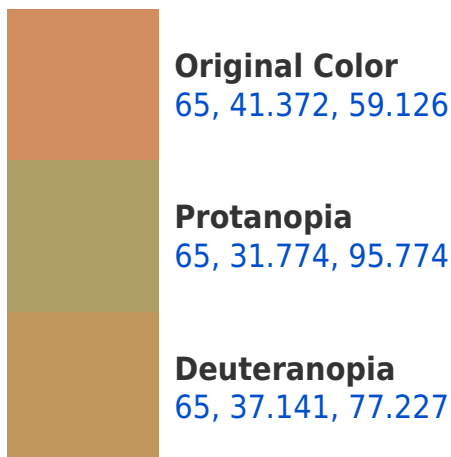


This preview shows how white text looks on a background with the CIELCh color 65, 41.372, 59.126.

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





Tritanopia
65, 32.324, 13.233

Trichromacy



Original Color
65, 41.372, 59.126

Protanomaly
65, 33.074, 80.049

Deuteranomaly
65, 38.102, 70.228

Tritanomaly
65, 33.026, 32.928

Monochromacy



Original Color
65, 41.372, 59.126

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 14.406, 63.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 41.372, 59.126 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(211, 142, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 142, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 41.372, 59.126 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, 95) }
```

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

```
.border{ border-color:rgb(211, 142, 95) }
```

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, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 142, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 142, 95);  
box-shadow:4px 4px 4px 4px rgb(211, 142,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 41.372, 59.126 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, 95) }
```

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

```
.background{ background-color: rgb(211,  
142, 95) }
```

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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