

Converting Colors

CIELCh(65, 49.181, 49.816)

Have a look what the booklet for
CIELCh(65, 49.181, 49.816) contains.

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Color

CIELCh(65, 49.266, 49.883)

Conversions

Conversions Part 1

Format	Color
Hex	E3865C
RGB	227, 134, 92
RGB Percent	89%, 53%, 36%
CMY	0.1108, 0.4754, 0.6400
CMYK	0.00, 0.41, 0.60, 0.11
HSL	19°, 70%, 62%
HSV	19°, 60%, 89%
XYZ	42.0147, 34.0472, 14.4349
YIQ	157.0190, 68.9100, 6.6540

Conversions

Conversions Part 2

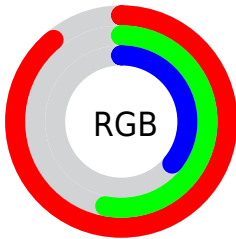
Format	Color
R_{YB}	227, 153, 92
Decimal	14911068
CIE _{Lab}	65.00, 31.74, 37.68
CIE _{LCh}	65, 49.266, 49.883
Yxy	34.0472, 0.4643, 0.3762
Android (android.graphics.Color)	4293101148 (0xFFE3865C)
YUV	157.0190, -32.0544, 61.3733
Hunter-Lab	58.3500, 26.4160, 26.1775

Details

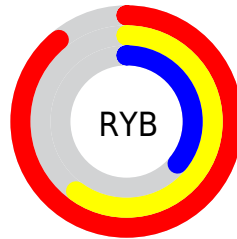
The CIELCh color **65, 49.266, 49.883** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **71, 33.144, 242.209**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 37.299, 59.729**, and **45, 49.331, 50.117** is the 20% darker color. If you saturate the color by 10%, you get **61, 59.424, 49.697**, and if you desaturate by 10%, it is **69, 39.522, 50.155**.

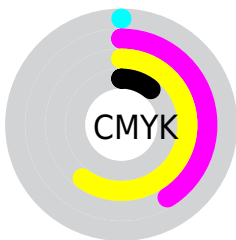
Distribution



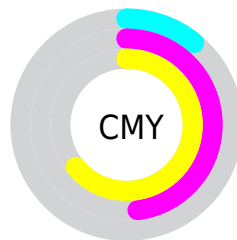
- Red (89%)
- Green (53%)
- Blue (36%)



- Red (89%)
- Yellow (60%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (60%)
- Black (11%)



- Cyan (11%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 49.266, 49.883 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, 49.266, 49.883 by changing the saturation by 10% instead.

65, 49.266, 49.883

65, 49.266, 49.883

100, 49.266,
49.883

55, 49.266, 49.883

85, 49.266, 49.883

45, 49.266, 49.883

95, 49.266, 49.883

35, 49.266, 49.883

25, 49.266, 49.883

15, 49.266, 49.883

5, 49.266, 49.883

0, 49.266, 49.883

65, 49.266, 49.883

65, 49.266, 49.883

61, 59.424, 49.697

69, 39.522, 50.155

58, 69.597, 49.464

73, 30.356, 50.534

55, 78.885, 48.872

77, 21.813, 51.019

53, 86.085, 47.572

81, 13.880, 51.587

53, 86.422, 47.526

86, 6.518, 52.195

90, 0.325, 234.672

95, 6.703, 233.796

98, 9.599, 198.868

Harmonies

Complementary

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



65, 49.266, 49.883



71, 33.144, 242.209

Rectangle

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



65, 49.266, 49.883



65, 49.266, 99.883



65, 49.266, 229.883



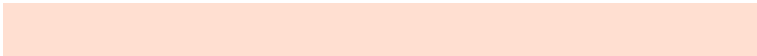
65, 49.266, 279.883

Sweetspot

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



65, 49.264, 49.887



91, 14.007, 51.671



59, 67.039, 339.161



47, 9.842, 51.496



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, 49.264, 49.887



68, 67.123, 49.661



81, 56.409, 93.217



45, 3.856, 52.199



41, 71.056, 48.096



9, 20.857, 40.732

Inverse Universe

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



71, 33.144, 242.209



76, 41.150, 246.039



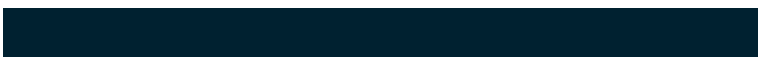
53, 62.275, 291.248



45, 3.669, 233.788



48, 37.680, 257.972



11, 14.388, 248.224

Previews

White Background



This preview shows how the CIELCh color 65, 49.266, 49.883 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, 49.266, 49.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

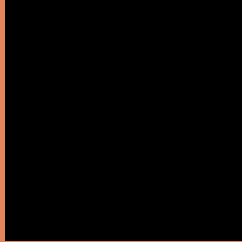
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 49.266, 49.883

Background



This preview shows how black text looks on a background with the CIELCh color 65, 49.266, 49.883.



This preview shows how white text looks on a background with the CIELCh color 65, 49.266, 49.883.

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](#).

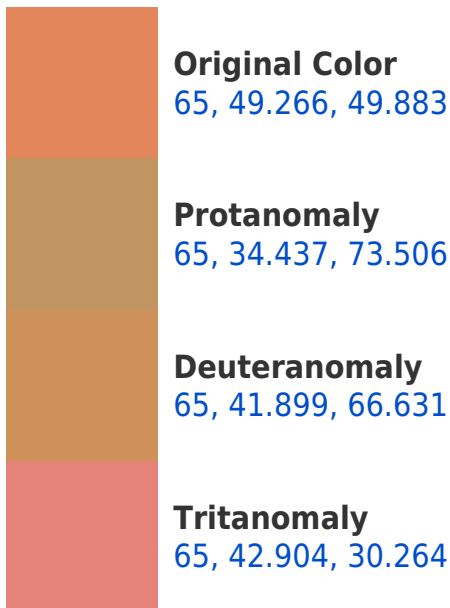
Dichromacy





Tritanopia
65, 42.066, 17.551

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 49.266, 49.883 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(227, 134, 92)` looks like.

```
.text, #text, p{  
    color:rgb(227, 134, 92)  
}
```

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(227, 134, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 134, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 49.266, 49.883 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(227, 134, 92) }
```

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

```
.border{ border-color:rgb(227, 134, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 134, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 134, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 134, 92);  
box-shadow:4px 4px 4px 4px rgb(227, 134,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 49.266, 49.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 134, 92) }
```

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

```
.background{ background-color: rgb(227,  
134, 92) }
```

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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