

Converting Colors

CIELCh(69, 48.153, 64.631)

Have a look what the booklet for
CIELCh(69, 48.153, 64.631) contains.

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Color

CIELCh(69, 48.220, 64.600)

Conversions

Conversions Part 1

Format	Color
Hex	E1995A
RGB	225, 153, 90
RGB Percent	88%, 60%, 35%
CMY	0.1192, 0.4013, 0.6484
CMYK	0.00, 0.32, 0.60, 0.12
HSL	28°, 69%, 62%
HSV	28°, 60%, 88%
XYZ	44.0932, 39.3444, 14.8693
YIQ	167.3460, 63.1350, -4.3290

Conversions

Conversions Part 2

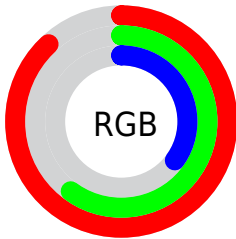
Format	Color
R _Y B	225, 208, 90
Decimal	14784858
CIE Lab	69.00, 20.68, 43.56
CIE LCh	69, 48.220, 64.600
Yxy	39.3444, 0.4485, 0.4002
Android (android.graphics.Color)	4292974938 (0xFFE1995A)
YUV	167.3460, -38.1316, 50.5626
Hunter-Lab	62.7251, 15.7094, 29.8525

Details

The CIELCh color **69, 48.220, 64.600** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **64, 38.827, 264.238**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 39.814, 77.979**, and **49, 48.273, 64.766** is the 20% darker color. If you saturate the color by 10%, you get **66, 57.285, 63.345**, and if you desaturate by 10%, it is **72, 39.255, 65.798**.

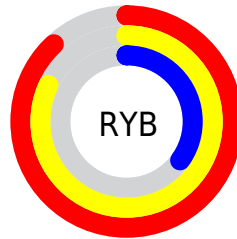
Distribution



Red (88%)

Green (60%)

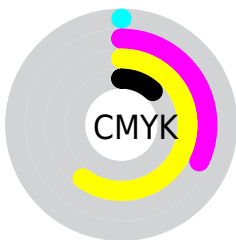
Blue (35%)



Red (88%)

Yellow (82%)

Blue (35%)

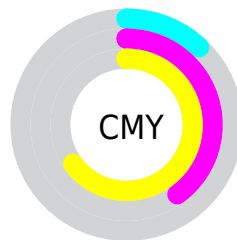


Cyan (0%)

Magenta (32%)

Yellow (60%)

Black (12%)



Cyan (12%)

Magenta (40%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 48.220, 64.600 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 69, 48.220, 64.600 by changing the saturation by 10% instead.

69, 48.220, 64.600

69, 48.220, 64.600

100, 48.220,
64.600

59, 48.220, 64.600

89, 48.220, 64.600

49, 48.220, 64.600

99, 48.220, 64.600

39, 48.220, 64.600

29, 48.220, 64.600

19, 48.220, 64.600

9, 48.220, 64.600

0, 48.220, 64.600

69, 48.220, 64.600

69, 48.220, 64.600

66, 57.285, 63.345

72, 39.255, 65.798

63, 65.983, 61.891

75, 30.609, 66.979

60, 73.430, 59.973

79, 22.362, 68.161

58, 78.841, 57.420

82, 14.532, 69.341

86, 7.103, 70.496

89, 0.045, 62.228

93, 6.679, 252.946

96, 8.677, 221.760

98, 10.302,
198.819

Harmonies

Complementary

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



69, 48.220, 64.600



64, 38.827, 264.238

Rectangle

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



69, 48.220, 64.600



69, 48.220, 114.600



69, 48.220, 244.600



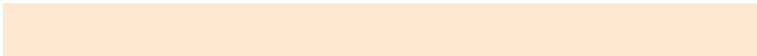
69, 48.220, 294.600

Sweetspot

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



69, 48.219, 64.604



93, 14.368, 69.569



58, 60.842, 348.593



48, 10.062, 69.226



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 48.219, 64.604



73, 65.446, 63.016



86, 64.463, 102.984



45, 3.993, 70.567



46, 65.427, 58.085



11, 19.681, 56.511

Inverse Universe

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



64, 38.827, 264.238



67, 50.705, 268.827



46, 76.524, 298.550



45, 3.886, 252.994



40, 50.950, 280.429



9, 17.940, 270.867

Previews

White Background



This preview shows how the CIELCh color 69, 48.220, 64.600 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 69, 48.220, 64.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

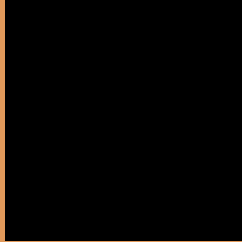
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 48.220, 64.600

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.220, 64.600.



This preview shows how white text looks on a background with the CIELCh color 69, 48.220, 64.600.

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

69, 48.220, 64.600

Protanopia

69, 40.273, 96.096

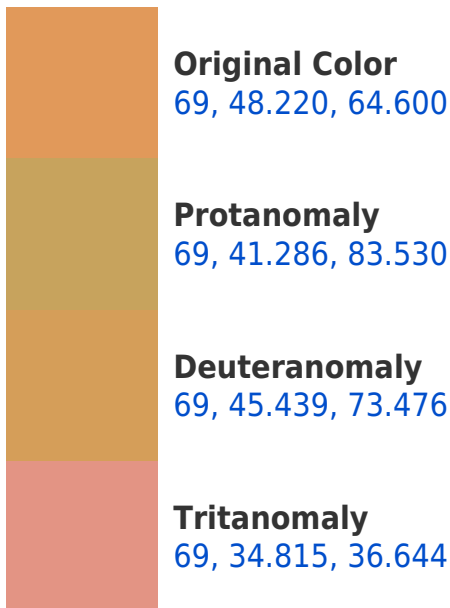
Deuteranopia

69, 44.880, 78.822



Tritanopia
69, 33.972, 12.911

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.220, 64.600 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(225, 153, 90)` looks like.

```
.text, #text, p{  
    color:rgb(225, 153, 90)  
}
```

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(225, 153, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 153, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.220, 64.600 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(225, 153, 90) }
```

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

```
.border{ border-color:rgb(225, 153, 90) }
```

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

Here you see how a box with a 4 pixel rgb(225, 153, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 153, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 153, 90);  
box-shadow:4px 4px 4px 4px rgb(225, 153,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.220, 64.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 153, 90) }
```

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

```
.background{ background-color: rgb(225,  
153, 90) }
```

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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