

Converting Colors

CIELCh(70, 45.475, 65.151)

Have a look what the booklet for
CIELCh(70, 45.475, 65.151) contains.

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Color

CIELCh(70, 45.833, 65.529)

Conversions

Conversions Part 1

Format	Color
Hex	E19D60
RGB	225, 157, 96
RGB Percent	88%, 62%, 38%
CMY	0.1194, 0.3859, 0.6250
CMYK	0.00, 0.30, 0.57, 0.12
HSL	28°, 68%, 63%
HSV	28°, 57%, 88%
XYZ	44.9921, 40.7494, 16.4684
YIQ	170.3780, 60.1090, -4.5550

Conversions

Conversions Part 2

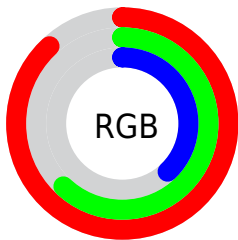
Format	Color
R _Y B	225, 212, 96
Decimal	14785888
CIE Lab	70.00, 18.99, 41.72
CIE LCh	70, 45.833, 65.529
Yxy	40.7494, 0.4402, 0.3987
Android (android.graphics.Color)	4292975968 (0xFFE19D60)
YUV	170.3780, -36.6684, 47.9035
Hunter-Lab	63.8353, 14.0980, 29.3888

Details

The CIELCh color **70, 45.833, 65.529** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 37.541, 264.105**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 37.892, 79.608**, and **50, 45.809, 66.006** is the 20% darker color. If you saturate the color by 10%, you get **67, 54.868, 64.273**, and if you desaturate by 10%, it is **73, 36.959, 66.744**.

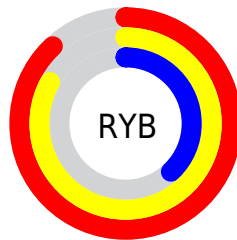
Distribution



Red (88%)

Green (62%)

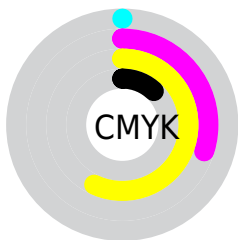
Blue (38%)



Red (88%)

Yellow (83%)

Blue (38%)

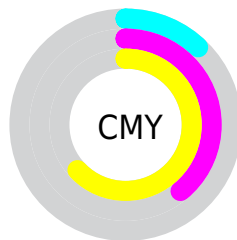


Cyan (0%)

Magenta (30%)

Yellow (57%)

Black (12%)



Cyan (12%)

Magenta (39%)

Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 45.833, 65.529 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 70, 45.833, 65.529 by changing the saturation by 10% instead.

 70, 45.833, 65.529

 70, 45.833, 65.529

 100, 45.833,
65.529

 60, 45.833, 65.529

 90, 45.833, 65.529

 50, 45.833, 65.529

 40, 45.833, 65.529

 30, 45.833, 65.529

 20, 45.833, 65.529

 10, 45.833, 65.529

 0, 45.833, 65.529

 70, 45.833, 65.529

 70, 45.833, 65.529

 67, 54.868, 64.273

 73, 36.959, 66.744

64, 63.676, 62.860

76, 28.423, 67.944

61, 71.493, 61.071

80, 20.285, 69.143

59, 77.249, 58.560

83, 12.553, 70.335

58, 78.590, 57.904

87, 5.208, 71.483

90, 1.782, 252.981

94, 8.452, 253.946

97, 9.211, 210.911

98, 10.321,
198.818

Harmonies

Complementary

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



70, 45.833, 65.529



65, 37.541, 264.105

Rectangle

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



70, 45.833, 65.529



70, 45.833, 115.529



70, 45.833, 245.529



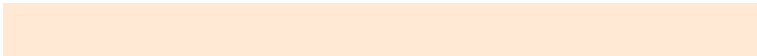
70, 45.833, 295.529

Sweetspot

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



70, 45.832, 65.533



93, 13.574, 70.370



59, 58.594, 348.152



49, 9.127, 70.130



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 45.832, 65.533



75, 62.453, 63.998



86, 61.990, 103.212



45, 4.007, 71.259



46, 65.240, 58.569



11, 19.668, 57.203

Inverse Universe

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



65, 37.541, 264.105



68, 49.245, 268.375



48, 72.772, 297.942



45, 3.903, 253.703



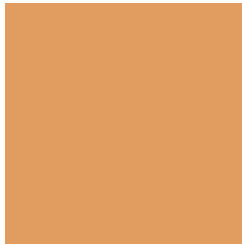
39, 51.597, 281.108



8, 18.127, 271.603

Previews

White Background



This preview shows how the CIELCh color 70, 45.833, 65.529 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 70, 45.833, 65.529 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 70, 45.833, 65.529

Background



This preview shows how black text looks on a background with the CIELCh color 70, 45.833, 65.529.



This preview shows how white text looks on a background with the CIELCh color 70, 45.833, 65.529.

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
70, 32.228, 12.124

Trichromacy



Original Color
70, 45.833, 65.529

Protanomaly
70, 39.523, 83.593

Deuteranomaly
70, 43.662, 73.208

Tritanomaly
70, 32.724, 36.364

Monochromacy



Original Color
70, 45.833, 65.529

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 15.823, 68.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 45.833, 65.529 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, 157, 96)` looks like.

```
.text, #text, p{  
    color:rgb(225, 157, 96)  
}
```

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, 157, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 157, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 45.833, 65.529 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, 157, 96) }
```

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

```
.border{ border-color:rgb(225, 157, 96) }
```

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

Here you see how a box with a 4 pixel rgb(225, 157, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 157, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 157, 96);  
box-shadow:4px 4px 4px 4px rgb(225, 157,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 45.833, 65.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 157, 96) }
```

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

```
.background{ background-color: rgb(225,  
157, 96) }
```

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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