

Converting Colors

CIELCh(66, 53.175, 60.358)

Have a look what the booklet for
CIELCh(66, 53.175, 60.358) contains.

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Color

CIELCh(66, 53.253, 60.329)

Conversions

Conversions Part 1

Format	Color
Hex	E08C4D
RGB	224, 140, 77
RGB Percent	88%, 55%, 30%
CMY	0.1199, 0.4495, 0.6966
CMYK	0.00, 0.37, 0.66, 0.12
HSL	26°, 71%, 59%
HSV	26°, 66%, 88%
XYZ	41.6606, 35.3238, 11.7093
YIQ	157.9340, 70.2870, -1.7850

Conversions

Conversions Part 2

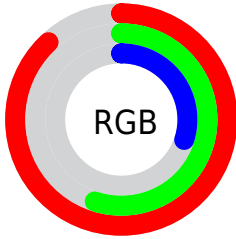
Format	Color
R _Y B	224, 187, 77
Decimal	14715981
CIE Lab	66.00, 26.36, 46.27
CIE LCh	66, 53.253, 60.329
Yxy	35.3238, 0.4697, 0.3983
Android (android.graphics.Color)	4292906061 (0xFFE08C4D)
YUV	157.9340, -39.9005, 57.9399
Hunter-Lab	59.4338, 21.1118, 29.9227

Details

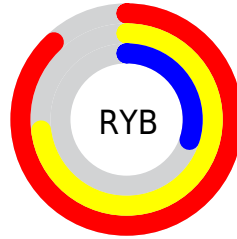
The CIELCh color **66, 53.253, 60.329** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **64, 39.847, 261.331**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 43.868, 71.052**, and **46, 53.122, 60.143** is the 20% darker color. If you saturate the color by 10%, you get **63, 62.500, 59.204**, and if you desaturate by 10%, it is **69, 43.997, 61.365**.

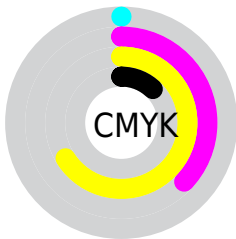
Distribution



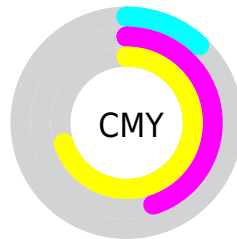
- Red (88%)
- Green (55%)
- Blue (30%)



- Red (88%)
- Yellow (73%)
- Blue (30%)



- Cyan (0%)
- Magenta (37%)
- Yellow (66%)
- Black (12%)



- Cyan (12%)
- Magenta (45%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 53.253, 60.329 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 66, 53.253, 60.329 by changing the saturation by 10% instead.

66, 53.253, 60.329

66, 53.253, 60.329

100, 53.253,
60.329

56, 53.253, 60.329

86, 53.253, 60.329

46, 53.253, 60.329

96, 53.253, 60.329

36, 53.253, 60.329

26, 53.253, 60.329

16, 53.253, 60.329

6, 53.253, 60.329

0, 53.253, 60.329

66, 53.253, 60.329

66, 53.253, 60.329

63, 62.500, 59.204

69, 43.997, 61.365

60, 71.074, 57.772

73, 35.051, 62.387

57, 77.824, 55.646

76, 26.541, 63.429

56, 80.351, 54.587

80, 18.503, 64.493

83, 10.925, 65.565

87, 3.778, 66.581

91, 2.980, 247.949

95, 8.703, 244.458

98, 10.357,
198.816

Harmonies

Complementary

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



66, 53.253, 60.329



64, 39.847, 261.331

Rectangle

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



66, 53.253, 60.329



66, 53.253, 110.329



66, 53.253, 240.329



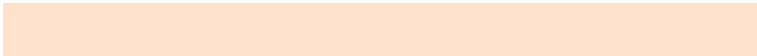
66, 53.253, 290.329

Sweetspot

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



66, 53.252, 60.333



92, 15.817, 65.072



56, 66.725, 346.404



48, 10.883, 64.768



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 53.252, 60.333



70, 72.783, 58.681



84, 66.529, 99.829



45, 3.922, 66.203



45, 66.669, 55.239



10, 19.825, 52.322

Inverse Universe

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



64, 39.847, 261.331



67, 51.765, 267.010



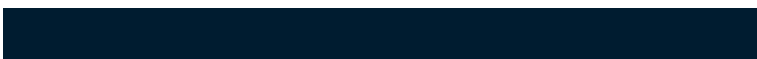
45, 79.536, 298.034



45, 3.795, 248.500



42, 47.124, 275.915



9, 16.853, 266.054

Previews

White Background



This preview shows how the CIELCh color 66, 53.253, 60.329 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 66, 53.253, 60.329 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 66, 53.253, 60.329

Background



This preview shows how black text looks on a background with the CIELCh color 66, 53.253, 60.329.



This preview shows how white text looks on a background with the CIELCh color 66, 53.253, 60.329.

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
66, 39.334, 15.878

Trichromacy



Original Color
66, 53.253, 60.329

Protanomaly
66, 43.426, 81.400

Deuteranomaly
66, 49.139, 71.936

Tritanomaly
66, 40.799, 36.095

Monochromacy



Original Color
66, 53.253, 60.329

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 17.993, 64.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 53.253, 60.329 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(224, 140, 77)` looks like.

```
.text, #text, p{  
    color:rgb(224, 140, 77)  
}
```

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(224, 140, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 140, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 53.253, 60.329 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(224, 140, 77) }
```

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

```
.border{ border-color:rgb(224, 140, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 140, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 140, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 140, 77);  
box-shadow:4px 4px 4px 4px rgb(224, 140,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 53.253, 60.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 140, 77) }
```

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

```
.background{ background-color: rgb(224,  
140, 77) }
```

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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