

Converting Colors

CIELCh(62, 56.552, 56.609)

Have a look what the booklet for
CIELCh(62, 56.552, 56.609) contains.

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Color

CIELCh(62, 56.553, 56.605)

Conversions

Conversions Part 1

Format	Color
Hex	DB7E42
RGB	219, 126, 66
RGB Percent	86%, 49%, 26%
CMY	0.1409, 0.5056, 0.7409
CMYK	0.00, 0.42, 0.70, 0.14
HSL	24°, 68%, 56%
HSV	24°, 70%, 86%
XYZ	37.6888, 30.4025, 9.0452
YIQ	146.9670, 74.6880, 1.0560

Conversions

Conversions Part 2

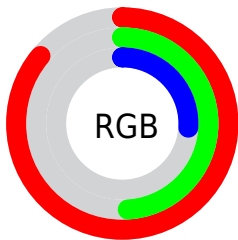
Format	Color
R _Y B	219, 165, 66
Decimal	14384706
CIE Lab	62.00, 31.13, 47.22
CIE LCh	62, 56.553, 56.605
Yxy	30.4025, 0.4886, 0.3941
Android (android.graphics.Color)	4292574786 (0xFFDB7E42)
YUV	146.9670, -39.9167, 63.1729
Hunter-Lab	55.1385, 25.5176, 28.8707

Details

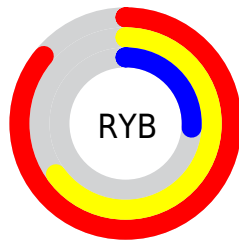
The CIELCh color **62, 56.553, 56.605** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **63, 39.308, 257.922**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 47.862, 63.883**, and **42, 56.534, 56.666** is the 20% darker color. If you saturate the color by 10%, you get **59, 65.776, 55.648**, and if you desaturate by 10%, it is **65, 47.191, 57.434**.

Distribution



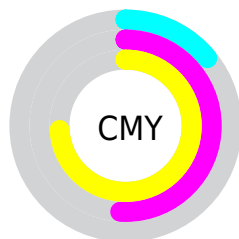
- Red (86%)
- Green (49%)
- Blue (26%)



- Red (86%)
- Yellow (65%)
- Blue (26%)



- Cyan (0%)
- Magenta (42%)
- Yellow (70%)
- Black (14%)



- Cyan (14%)
- Magenta (51%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 56.553, 56.605 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 62, 56.553, 56.605 by changing the saturation by 10% instead.

 62, 56.553, 56.605

 62, 56.553, 56.605

 100, 56.553,
56.605

 52, 56.553, 56.605

 82, 56.553, 56.605

 42, 56.553, 56.605

 92, 56.553, 56.605

 32, 56.553, 56.605

 22, 56.553, 56.605

 12, 56.553, 56.605

 2, 56.553, 56.605

 0, 56.553, 56.605

 62, 56.553, 56.605

 62, 56.553, 56.605

 59, 65.776, 55.648

 65, 47.191, 57.434

56, 74.006, 54.262

69, 38.108, 58.254

54, 80.345, 52.216

72, 29.479, 59.112

54, 80.443, 52.189

76, 21.357, 60.016

80, 13.741, 60.955

84, 6.600, 61.897

87, 0.107, 247.456

91, 6.425, 244.036

95, 10.064,
226.672

Harmonies

Complementary

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



62, 56.553, 56.605



63, 39.308, 257.922

Rectangle

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



62, 56.553, 56.605



62, 56.553, 106.605



62, 56.553, 236.605



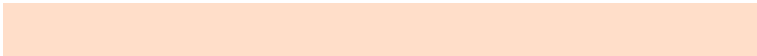
62, 56.553, 286.605

Sweetspot

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



62, 56.552, 56.608



91, 16.518, 60.828



54, 69.632, 345.063



47, 11.283, 60.565



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 56.552, 56.608



67, 78.490, 55.053



80, 66.906, 97.448



44, 3.804, 61.934



43, 67.212, 52.807



9, 18.761, 47.714

Inverse Universe

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



63, 39.308, 257.922



67, 51.287, 264.305



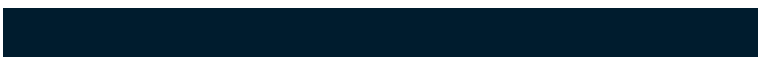
42, 80.425, 297.826



44, 3.660, 244.054



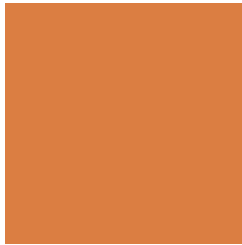
43, 43.280, 270.994



9, 15.308, 260.316

Previews

White Background



This preview shows how the CIELCh color 62, 56.553, 56.605 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 62, 56.553, 56.605 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 62, 56.553, 56.605

Background



This preview shows how black text looks on a background with the CIELCh color 62, 56.553, 56.605.



This preview shows how white text looks on a background with the CIELCh color 62, 56.553, 56.605.

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

62, 56.553, 56.605

Protanopia

62, 41.890, 95.589

Deuteranopia

62, 48.873, 80.482



Tritanopia
62, 43.365, 18.124

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 56.553, 56.605 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(219, 126, 66)` looks like.

```
.text, #text, p{  
    color:rgb(219, 126, 66)  
}
```

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(219, 126, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 126, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 56.553, 56.605 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(219, 126, 66) }
```

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

```
.border{ border-color:rgb(219, 126, 66) }
```

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

Here you see how a box with a 4 pixel rgb(219, 126, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 126, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 126, 66);  
box-shadow:4px 4px 4px 4px rgb(219, 126,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 56.553, 56.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 126, 66) }
```

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

```
.background{ background-color: rgb(219,  
126, 66) }
```

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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