

Converting Colors

CIELCh(65, 66.641, 51.524)

Have a look what the booklet for
CIELCh(65, 66.641, 51.524) contains.

CIELCh(65, 66.253, 51.673)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 66.253, 51.673)

Conversions

Conversions Part 1

Format	Color
Hex	F37D41
RGB	243, 125, 65
RGB Percent	95%, 49%, 25%
CMY	0.0476, 0.5102, 0.7455
CMYK	0.00, 0.49, 0.73, 0.05
HSL	20°, 88%, 60%
HSV	20°, 73%, 95%
XYZ	45.1827, 34.0472, 9.1745
YIQ	153.4420, 89.5880, 6.3560

Conversions

Conversions Part 2

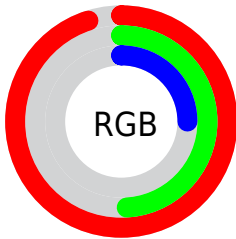
Format	Color
R _Y B	243, 156, 65
Decimal	15957313
CIE Lab	65.00, 41.09, 51.97
CIE LCh	65, 66.253, 51.673
Yxy	34.0472, 0.5111, 0.3851
Android (android.graphics.Color)	4294147393 (0xFFFF37D41)
YUV	153.4420, -43.6019, 78.5424
Hunter-Lab	58.3500, 36.1073, 31.5227

Details

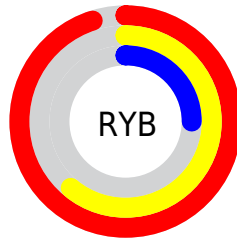
The CIELCh color **65, 66.253, 51.673** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **70, 41.453, 251.069**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 47.862, 63.883**, and **45, 66.407, 51.527** is the 20% darker color. If you saturate the color by 10%, you get **62, 76.552, 51.085**, and if you desaturate by 10%, it is **69, 55.624, 52.096**.

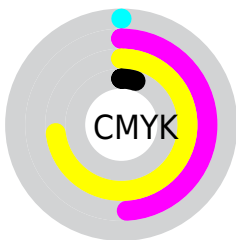
Distribution



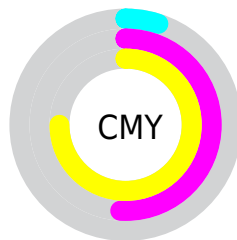
- Red (95%)
- Green (49%)
- Blue (25%)



- Red (95%)
- Yellow (61%)
- Blue (25%)



- Cyan (0%)
- Magenta (49%)
- Yellow (73%)
- Black (5%)



- Cyan (5%)
- Magenta (51%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 66.253, 51.673 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, 66.253, 51.673 by changing the saturation by 10% instead.

65, 66.253, 51.673

65, 66.253, 51.673

100, 66.253,
51.673

55, 66.253, 51.673

85, 66.253, 51.673

45, 66.253, 51.673

95, 66.253, 51.673

35, 66.253, 51.673

25, 66.253, 51.673

15, 66.253, 51.673

5, 66.253, 51.673

0, 66.253, 51.673

65, 66.253, 51.673

65, 66.253, 51.673

62, 76.552, 51.085

69, 55.624, 52.096

59, 85.297, 49.905

72, 45.275, 52.530

57, 89.856, 48.724

77, 35.460, 53.043

81, 26.267, 53.645

85, 17.703, 54.323

90, 9.736, 55.049

94, 2.318, 55.662

99, 3.783, 209.637

99, 4.190, 199.298

Harmonies

Complementary

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



65, 66.253, 51.673



70, 41.453, 251.069

Rectangle

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



65, 66.253, 51.673



65, 66.253, 101.673



65, 66.253, 231.673



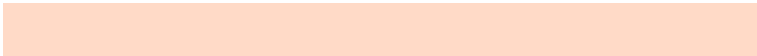
65, 66.253, 281.673

Sweetspot

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



65, 66.251, 51.676



90, 17.326, 54.410



58, 80.033, 342.689



46, 11.759, 54.217



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, 66.251, 51.676



63, 84.236, 50.612



86, 72.687, 93.770



49, 4.137, 55.323



44, 73.156, 49.316



12, 25.636, 45.808

Inverse Universe

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



70, 41.453, 251.069



69, 48.613, 257.678



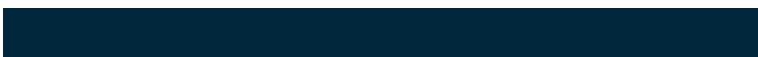
47, 86.706, 296.804



49, 3.948, 237.119



49, 41.197, 262.746



14, 16.994, 254.747

Previews

White Background



This preview shows how the CIELCh color 65, 66.253, 51.673 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, 66.253, 51.673 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, 66.253, 51.673

Background



This preview shows how black text looks on a background with the CIELCh color 65, 66.253, 51.673.



This preview shows how white text looks on a background with the CIELCh color 65, 66.253, 51.673.

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

65, 66.253, 51.673

Protanopia

65, 45.124, 95.610

Deuteranopia

65, 53.976, 81.042



Tritanopia
65, 53.291, 21.168

Trichromacy



Original Color
65, 66.253, 51.673

Protanomaly
64, 48.491, 74.881

Deuteranomaly
65, 56.303, 68.349

Tritanomaly
65, 55.882, 34.430

Monochromacy



Original Color
65, 66.253, 51.673

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 22.295, 53.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 66.253, 51.673 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(243, 125, 65)` looks like.

```
.text, #text, p{  
    color:rgb(243, 125, 65)  
}
```

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(243, 125, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 125, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 66.253, 51.673 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(243, 125, 65) }
```

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

```
.border{ border-color:rgb(243, 125, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 125, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 125, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 125, 65);  
box-shadow:4px 4px 4px 4px rgb(243, 125,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 66.253, 51.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 125, 65) }
```

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

```
.background{ background-color: rgb(243,  
125, 65) }
```

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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