

Converting Colors

CIELCh(52, 66.115, 43.060)

Have a look what the booklet for
CIELCh(52, 66.115, 43.060) contains.

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Color

CIELCh(52, 66.116, 43.056)

Conversions

Conversions Part 1

Format	Color
Hex	D25330
RGB	210, 83, 48
RGB Percent	82%, 33%, 19%
CMY	0.1759, 0.6740, 0.8113
CMYK	0.00, 0.60, 0.77, 0.18
HSL	13°, 64%, 51%
HSV	13°, 77%, 82%
XYZ	30.2601, 20.1443, 5.1019
YIQ	116.9830, 86.9270, 16.0390

Conversions

Conversions Part 2

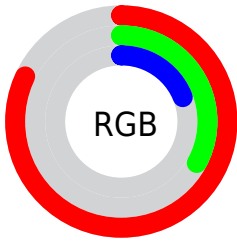
Format	Color
R_{YB}	210, 93, 48
Decimal	13783856
CIE _{Lab}	52.00, 48.31, 45.14
CIE _{LCh}	52, 66.116, 43.056
Yxy	20.1443, 0.5452, 0.3629
Android (android.graphics.Color)	4291973936 (0xFFD25330)
YUV	116.9830, -34.0086, 81.5759
Hunter-Lab	44.8824, 41.8020, 24.6780

Details

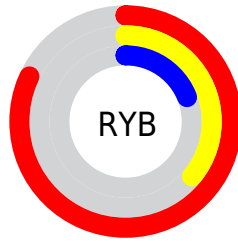
The CIELCh color **52, 66.116, 43.056** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **67, 35.225, 231.163**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 58.744, 45.293**, and **32, 66.129, 42.928** is the 20% darker color. If you saturate the color by 10%, you get **49, 75.723, 43.733**, and if you desaturate by 10%, it is **55, 55.968, 42.264**.

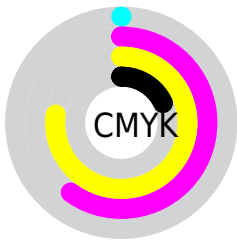
Distribution



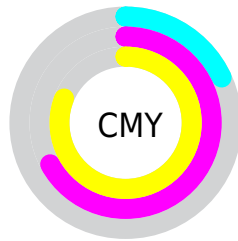
- Red (82%)
- Green (33%)
- Blue (19%)



- Red (82%)
- Yellow (36%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (77%)
- Black (18%)



- Cyan (18%)
- Magenta (67%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 66.116, 43.056 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 52, 66.116, 43.056 by changing the saturation by 10% instead.

 52, 66.116, 43.056

 52, 66.116, 43.056

 100, 66.116,
43.056

 42, 66.116, 43.056


 72, 66.116, 43.056

 32, 66.116, 43.056

 82, 66.116, 43.056

 22, 66.116, 43.056

 92, 66.116, 43.056

 12, 66.116, 43.056

 2, 66.116, 43.056

 0, 66.116, 43.056

 52, 66.116, 43.056

 52, 66.116, 43.056

 49, 75.723, 43.733

 55, 55.968, 42.264

 47, 83.416, 43.733

 59, 45.990, 41.606

46, 85.420, 43.799

63, 36.489, 41.159

67, 27.591, 40.918

72, 19.334, 40.853

76, 11.706, 40.924

81, 4.668, 41.054

86, 1.832, 221.764

90, 7.850, 221.877

Harmonies

Complementary

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



52, 66.116, 43.056



67, 35.225, 231.163

Rectangle

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



52, 66.116, 43.056



52, 66.116, 93.056



52, 66.116, 223.056



52, 66.116, 273.056

Sweetspot

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



52, 66.114, 43.059



87, 18.890, 40.867



51, 79.950, 335.986



45, 13.274, 40.854



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 66.114, 43.059



58, 94.109, 43.821



69, 62.374, 83.131



42, 3.747, 41.029



37, 72.018, 44.203



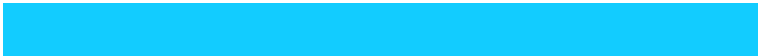
6, 17.619, 31.464

Inverse Universe

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



67, 35.225, 231.163



76, 43.706, 237.045



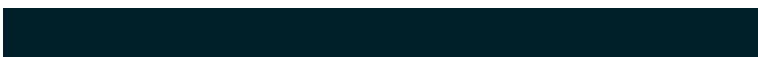
44, 67.611, 290.864



43, 3.538, 221.800



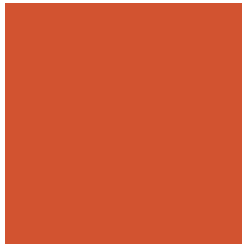
51, 32.465, 238.751



10, 12.204, 229.675

Previews

White Background



This preview shows how the CIELCh color 52, 66.116, 43.056 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 66.116, 43.056 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 × Fail

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

CIELCh 52, 66.116, 43.056

Background



This preview shows how black text looks on a background with the CIELCh color 52, 66.116, 43.056.



This preview shows how white text looks on a background with the CIELCh color 52, 66.116, 43.056.

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

52, 66.116, 43.056

Protanopia

52, 36.945, 96.024

Deuteranopia

52, 47.491, 81.662



Tritanopia
52, 58.442, 25.669

Trichromacy



Original Color
52, 66.116, 43.056

Protanomaly
51, 41.374, 67.216

Deuteranomaly
51, 51.310, 62.979

Tritanomaly
52, 60.327, 32.908

Monochromacy



Original Color
52, 66.116, 43.056

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 22.239, 41.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 66.116, 43.056 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(210, 83, 48)` looks like.

```
.text, #text, p{  
    color:rgb(210, 83, 48)  
}
```

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(210, 83, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 83, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 66.116, 43.056 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(210, 83, 48) }
```

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

```
.border{ border-color:rgb(210, 83, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 83, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 83, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 83, 48);  
box-shadow:4px 4px 4px 4px rgb(210, 83,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 66.116, 43.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 83, 48) }
```

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

```
.background{ background-color: rgb(210, 83,  
48) }
```

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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