

Converting Colors

CIELCh(52, 53.871, 15.537)

Have a look what the booklet for
CIELCh(52, 53.871, 15.537) contains.

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Color

CIELCh(52, 53.846, 15.686)

Conversions

Conversions Part 1

Format	Color
Hex	D05166
RGB	208, 81, 102
RGB Percent	82%, 32%, 40%
CMY	0.1858, 0.6836, 0.6012
CMYK	0.00, 0.61, 0.51, 0.19
HSL	350°, 57%, 57%
HSV	350°, 61%, 81%
XYZ	31.2086, 20.1443, 14.7357
YIQ	121.3670, 68.9510, 33.4550

Conversions

Conversions Part 2

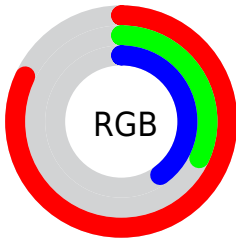
Format	Color
R_{YB}	208, 81, 102
Decimal	13652326
CIE Lab	52.00, 51.84, 14.56
CIE LCh	52, 53.846, 15.686
Yxy	20.1443, 0.4722, 0.3048
Android (android.graphics.Color)	4291842406 (0xFFD05166)
YUV	121.3670, -9.5479, 75.9771
Hunter-Lab	44.8824, 45.5742, 11.9518

Details

The CIELCh color **52, 53.846, 15.686** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **76, 39.921, 179.938**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 48.114, 13.942**, and **32, 53.584, 15.312** is the 20% darker color. If you saturate the color by 10%, you get **49, 62.323, 18.995**, and if you desaturate by 10%, it is **56, 44.801, 13.076**.

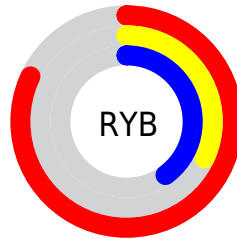
Distribution



Red (82%)

Green (32%)

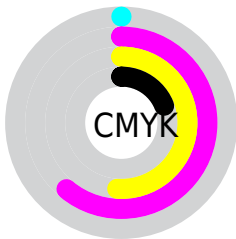
Blue (40%)



Red (82%)

Yellow (32%)

Blue (40%)

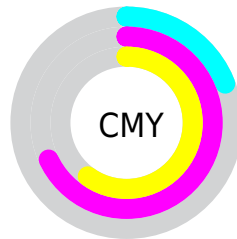


Cyan (0%)

Magenta (61%)

Yellow (51%)

Black (19%)



Cyan (19%)

Magenta (68%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 53.846, 15.686 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, 53.846, 15.686 by changing the saturation by 10% instead.

 52, 53.846, 15.686

 52, 53.846, 15.686

 100, 53.846,
15.686

 42, 53.846, 15.686

 72, 53.846, 15.686

 32, 53.846, 15.686

 82, 53.846, 15.686

 22, 53.846, 15.686

 92, 53.846, 15.686

 12, 53.846, 15.686

 2, 53.846, 15.686

 0, 53.846, 15.686

 52, 53.846, 15.686

 52, 53.846, 15.686

 49, 62.323, 18.995

 56, 44.801, 13.076

 46, 69.948, 23.099

 61, 35.541, 11.011

44, 76.583, 27.937

66, 26.356, 9.360

43, 81.778, 32.353

71, 17.452, 8.012

77, 8.948, 6.878

83, 0.897, 5.411

88, 6.695, 185.291

94, 13.844,
184.559

97, 15.744,
198.459

Harmonies

Complementary

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



52, 53.846, 15.686



76, 39.921, 179.938

Rectangle

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



52, 53.846, 15.686



52, 53.846, 65.686



52, 53.846, 195.686



52, 53.846, 245.686

Sweetspot

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



52, 53.843, 15.688



88, 17.414, 7.662



53, 76.500, 322.269



45, 12.197, 8.014



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, 53.843, 15.688



58, 75.302, 20.031



60, 46.971, 51.860



41, 4.559, 6.694



35, 69.380, 31.521



4, 20.146, 11.781

Inverse Universe

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



52, 53.843, 15.688



58, 75.302, 20.031



64, 32.001, 246.042



41, 4.559, 6.694



35, 69.380, 31.521



4, 20.146, 11.781

Previews

White Background



This preview shows how the CIELCh color 52, 53.846, 15.686 looks on a white background.

Color Contrast Check

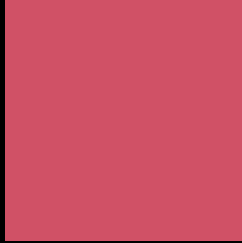
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.846, 15.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

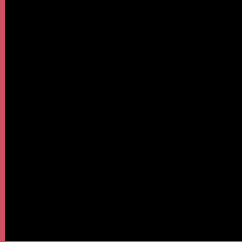
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 53.846, 15.686

Background



This preview shows how black text looks on a background with the CIELCh color 52, 53.846, 15.686.



This preview shows how white text looks on a background with the CIELCh color 52, 53.846, 15.686.

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](#).

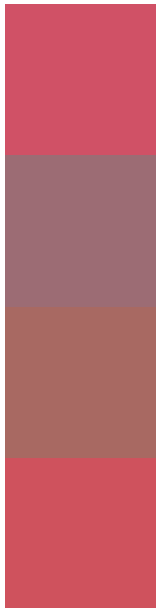
Dichromacy





Tritanopia
52, 54.433, 24.643

Trichromacy



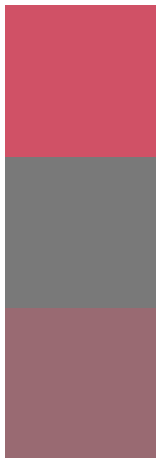
Original Color
52, 53.846, 15.686

Protanomaly
51, 20.583, 9.133

Deuteranomaly
51, 28.398, 30.790

Tritanomaly
52, 54.009, 21.322

Monochromacy



Original Color
52, 53.846, 15.686

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 20.232, 8.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 53.846, 15.686 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(208, 81, 102)` looks like.

```
.text, #text, p{  
    color:rgb(208, 81, 102)  
}
```

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(208, 81, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 81, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 53.846, 15.686 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(208, 81, 102) }
```

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

```
.border{ border-color:rgb(208, 81, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 81, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 81, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 81, 102);  
box-shadow:4px 4px 4px 4px rgb(208, 81,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 53.846, 15.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 81, 102) }
```

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

```
.background{ background-color: rgb(208, 81,  
102) }
```

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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