

Converting Colors

CIELCh(52, 52.226, 26.800)

Have a look what the booklet for
CIELCh(52, 52.226, 26.800) contains.

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Color

CIELCh(52, 52.579, 26.909)

Conversions

Conversions Part 1

Format	Color
Hex	CC5656
RGB	204, 86, 86
RGB Percent	80%, 34%, 34%
CMY	0.2003, 0.6630, 0.6630
CMYK	0.00, 0.58, 0.58, 0.20
HSL	0°, 54%, 57%
HSV	0°, 58%, 80%
XYZ	29.8831, 20.1443, 11.1057
YIQ	121.2820, 70.3280, 25.0160

Conversions

Conversions Part 2

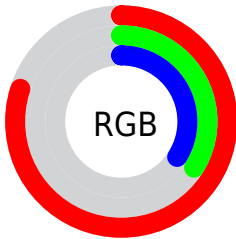
Format	Color
RYB	204, 86, 86
Decimal	13391446
CIELab	52.00, 46.89, 23.80
CIElCh	52, 52.579, 26.909
Yxy	20.1443, 0.4888, 0.3295
Android (android.graphics.Color)	4291581526 (0xFFCC5656)
YUV	121.2820, -17.3940, 72.5437
Hunter-Lab	44.8824, 40.3024, 16.7470

Details

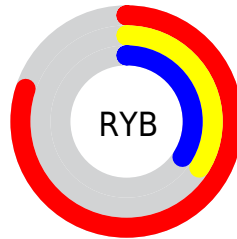
The CIELCh color **52, 52.579, 26.909** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **76, 34.202, 196.945**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 48.132, 26.744**, and **32, 52.405, 26.764** is the 20% darker color. If you saturate the color by 10%, you get **48, 62.757, 29.740**, and if you desaturate by 10%, it is **56, 42.380, 24.681**.

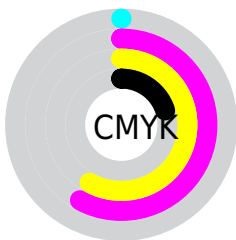
Distribution



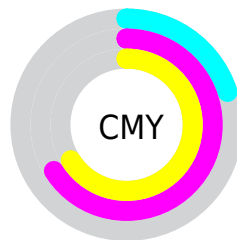
- Red (80%)
- Green (34%)
- Blue (34%)



- Red (80%)
- Yellow (34%)
- Blue (34%)



- Cyan (0%)
- Magenta (58%)
- Yellow (58%)
- Black (20%)



- Cyan (20%)
- Magenta (66%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 52.579, 26.909 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, 52.579, 26.909 by changing the saturation by 10% instead.

■ 52, 52.579, 26.909

■ 52, 52.579, 26.909

■ 100, 52.579,
26.909

■ 42, 52.579, 26.909

■ 72, 52.579, 26.909

■ 32, 52.579, 26.909

■ 82, 52.579, 26.909

■ 22, 52.579, 26.909

■ 92, 52.579, 26.909

■ 12, 52.579, 26.909

■ 2, 52.579, 26.909

■ 0, 52.579, 26.909

■ 52, 52.579, 26.909

■ 52, 52.579, 26.909

■ 48, 62.757, 29.740

■ 56, 42.380, 24.681

■ 46, 72.500, 33.123

■ 61, 32.469, 22.963

44, 81.081, 36.667

66, 23.045, 21.647

43, 87.150, 39.430

72, 14.215, 20.629

43, 88.367, 40.000

78, 6.013, 19.803

83, 1.577, 199.650

89, 8.595, 198.887

95, 15.097,
198.483

97, 16.894,
198.385

Harmonies

Complementary

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



52, 52.579, 26.909



76, 34.202, 196.945

Rectangle

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



52, 52.579, 26.909



52, 52.579, 76.909



52, 52.579, 206.909



52, 52.579, 256.909

Sweetspot

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



52, 52.576, 26.912



88, 16.186, 20.573



56, 73.466, 327.358



46, 10.913, 20.758



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, 52.576, 26.912



59, 76.688, 30.392



65, 42.893, 68.152



40, 4.369, 19.925



34, 75.554, 39.823



4, 17.910, 19.405

Inverse Universe

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



76, 34.202, 196.945



92, 45.094, 196.676



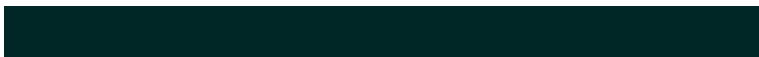
59, 36.261, 267.242



42, 4.119, 198.978



62, 36.301, 196.387



13, 13.513, 196.387

Previews

White Background



This preview shows how the CIELCh color 52, 52.579, 26.909 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, 52.579, 26.909 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, 52.579, 26.909

Background



This preview shows how black text looks on a background with the CIELCh color 52, 52.579, 26.909.

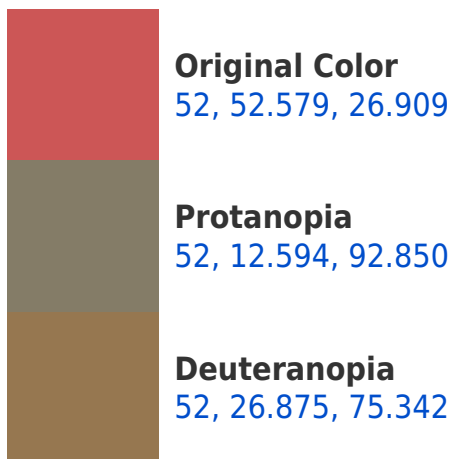


This preview shows how white text looks on a background with the CIELCh color 52, 52.579, 26.909.

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, 52.050, 23.479

Trichromacy



Original Color
52, 52.579, 26.909

Protanomaly
51, 22.865, 40.635

Deuteranomaly
51, 33.166, 47.518

Tritanomaly
52, 52.368, 24.682

Monochromacy



Original Color
52, 52.579, 26.909

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 18.442, 21.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 52.579, 26.909 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(204, 86, 86)` looks like.

```
.text, #text, p{  
    color:rgb(204, 86, 86)  
}
```

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(204, 86, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 86, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 52.579, 26.909 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(204, 86, 86) }
```

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

```
.border{ border-color:rgb(204, 86, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 86, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 86, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 86, 86);  
box-shadow:4px 4px 4px 4px rgb(204, 86,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 52.579, 26.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 86, 86) }
```

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

```
.background{ background-color: rgb(204, 86,  
86) }
```

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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