

Converting Colors

CIELCh(52, 9.135, 333.567)

Have a look what the booklet for
CIELCh(52, 9.135, 333.567) contains.

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Color

CIELCh(52, 8.760, 333.655)

Conversions

Conversions Part 1

Format	Color
Hex	877883
RGB	135, 120, 131
RGB Percent	53%, 47%, 51%
CMY	0.4715, 0.5303, 0.4872
CMYK	0.00, 0.11, 0.03, 0.47
HSL	316°, 6%, 50%
HSV	316°, 11%, 53%
XYZ	20.7266, 20.1443, 24.1887
YIQ	125.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

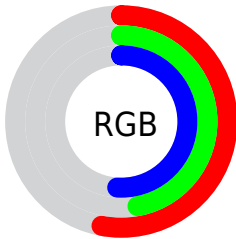
Format	Color
R_{YB}	135, 120, 131
Decimal	8878211
CIE Lab	52.00, 7.85, -3.89
CIE LCh	52, 8.760, 333.655
Yxy	20.1443, 0.3186, 0.3096
Android (android.graphics.Color)	4287068291 (0xFF877883)
YUV	125.7390, 2.5937, 8.1219
Hunter-Lab	44.8824, 3.8864, -0.5358

Details

The CIELCh color $52, 8.760, 333.655$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 8.718, 152.260$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 8.883, 332.852$, and $32, 8.469, 332.509$ is the 20% darker color. If you saturate the color by 10%, you get $48, 16.716, 334.344$, and if you desaturate by 10%, it is $56, 0.883, 332.767$.

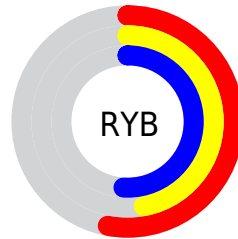
Distribution



Red (53%)

Green (47%)

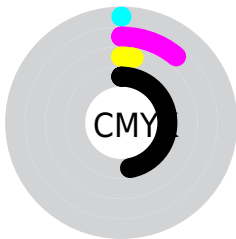
Blue (51%)



Red (53%)

Yellow (47%)

Blue (51%)

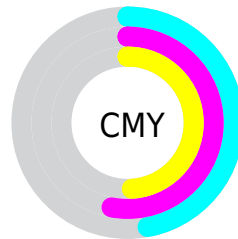


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 8.760, 333.655 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, 8.760, 333.655 by changing the saturation by 10% instead.

■ 52, 8.760, 333.655

■ 52, 8.760, 333.655

■ 100, 8.760,
333.655

■ 42, 8.760, 333.655

■ 72, 8.760, 333.655

■ 32, 8.760, 333.655

■ 82, 8.760, 333.655

■ 22, 8.760, 333.655

■ 92, 8.760, 333.655

■ 12, 8.760, 333.655

■ 2, 8.760, 333.655

■ 0, 8.760, 333.655

■ 52, 8.760, 333.655

■ 52, 8.760, 333.655

■ 48, 16.716,
334.344

■ 56, 0.883, 332.767

■ 60, 6.838, 152.474

45, 24.641,
335.059

64, 14.362,
151.881

41, 32.359,
335.813

68, 21.671,
151.331

38, 39.631,
336.617

71, 28.758,
150.814

36, 46.151,
337.486

75, 35.628,
150.327

33, 51.569,
338.444

79, 42.288,
149.868

32, 55.551,
339.530

83, 48.749,
149.435

30, 57.875,
340.795

87, 55.026,
149.028

29, 59.027,
342.030

Harmonies

Complementary

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



52, 8.760, 333.655



55, 8.718, 152.260

Rectangle

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



52, 8.760, 333.655



52, 8.760, 23.655



52, 8.760, 153.655



52, 8.760, 203.655

Sweetspot

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



52, 8.758, 333.657



70, 2.921, 333.065



51, 8.907, 301.223



37, 2.232, 333.132



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 8.758, 333.657



66, 12.742, 333.804



52, 6.418, 1.716



26, 4.375, 333.519



28, 57.558, 341.969



0, 1.041, 332.970

Inverse Universe

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



52, 8.758, 333.657



66, 12.742, 333.804



55, 6.177, 179.825



26, 4.375, 333.519



28, 57.558, 341.969



0, 1.041, 332.970

Previews

White Background



This preview shows how the CIE LCh color 52, 8.760, 333.655 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 CIE LCh color 52, 8.760, 333.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

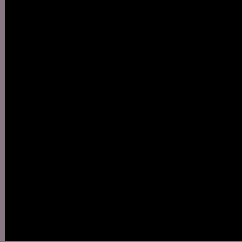
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 8.760, 333.655

Background



This preview shows how black text looks on a background with the CIELCh color 52, 8.760, 333.655.



This preview shows how white text looks on a background with the CIELCh color 52, 8.760, 333.655.

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, 8.760, 333.655

Protanopia

52, 5.833, 294.723

Deuteranopia

52, 8.240, 329.505



Tritanopia
52, 7.969, 339.412

Trichromacy



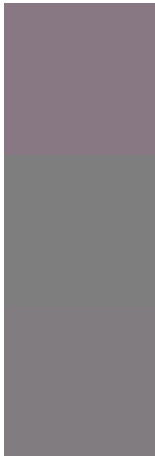
Original Color
52, 8.760, 333.655

Protanomaly
52, 6.300, 312.769

Deuteranomaly
52, 8.494, 331.640

Tritanomaly
52, 8.354, 336.394

Monochromacy



Original Color
52, 8.760, 333.655

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.073, 330.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 8.760, 333.655 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(135, 120, 131)` looks like.

```
.text, #text, p{  
    color:rgb(135, 120, 131)  
}
```

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(135, 120, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 120, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 8.760, 333.655 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(135, 120, 131) }
```

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

```
.border{ border-color:rgb(135, 120, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 120, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 120, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 120, 131);  
box-shadow:4px 4px 4px 4px rgb(135, 120,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 8.760, 333.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 120, 131) }
```

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

```
.background{ background-color: rgb(135,  
120, 131) }
```

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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