

Converting Colors

CIELCh(55, 3.052, 330.959)

Have a look what the booklet for
CIELCh(55, 3.052, 330.959) contains.

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Color

CIELCh(55, 3.048, 330.673)

Conversions

Conversions Part 1

Format	Color
Hex	878286
RGB	135, 130, 134
RGB Percent	53%, 51%, 53%
CMY	0.4696, 0.4892, 0.4735
CMYK	0.00, 0.04, 0.01, 0.47
HSL	312°, 2%, 52%
HSV	312°, 4%, 53%
XYZ	22.3668, 22.9298, 25.8913
YIQ	131.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

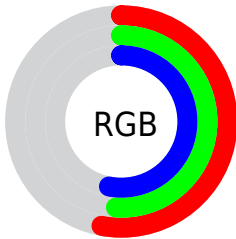
Format	Color
R_{YB}	135, 130, 134
Decimal	8880774
CIE Lab	55.00, 2.66, -1.49
CIE LCh	55, 3.048, 330.673
Yxy	22.9298, 0.3142, 0.3221
Android (android.graphics.Color)	4287070854 (0xFF878286)
YUV	131.9510, 1.0102, 2.6740
Hunter-Lab	47.8851, -0.4229, 1.4617

Details

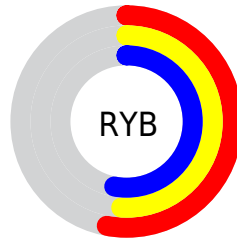
The CIELCh color $55, 3.048, 330.673$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 3.032, 150.386$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 2.867, 330.588$, and $35, 2.554, 332.548$ is the 20% darker color. If you saturate the color by 10%, you get $51, 11.355, 331.339$, and if you desaturate by 10%, it is $59, 5.126, 150.214$.

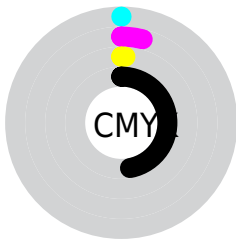
Distribution



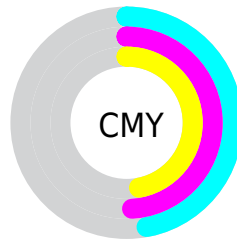
- Red (53%)
- Green (51%)
- Blue (53%)



- Red (53%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (47%)



- Cyan (47%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 3.048, 330.673 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 55, 3.048, 330.673 by changing the saturation by 10% instead.

■ 55, 3.048, 330.673

■ 55, 3.048, 330.673

■ 100, 3.048,
330.673

■ 45, 3.048, 330.673

■ 75, 3.048, 330.673

■ 35, 3.048, 330.673

■ 85, 3.048, 330.673

■ 25, 3.048, 330.673

■ 95, 3.048, 330.673

■ 15, 3.048, 330.673

■ 5, 3.048, 330.673

■ 0, 3.048, 330.673

■ 55, 3.048, 330.673

■ 55, 3.048, 330.673

■ 51, 11.355,
331.339

■ 59, 5.126, 150.214

■ 63, 13.108,

48, 19.712,
331.977

149.630

44, 27.980,
332.632

67, 20.872,
149.093

41, 35.960,
333.307

71, 28.407,
148.586

38, 43.387,
334.003

75, 35.713,
148.107

35, 49.935,
334.728

79, 42.796,
147.655

33, 55.250,
335.495

83, 49.667,
147.229

32, 59.023,
336.326

86, 56.337,
146.827

31, 61.092,
337.252

90, 62.821,
146.449

Harmonies

Complementary

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



55, 3.048, 330.673



56, 3.032, 150.386

Rectangle

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



55, 3.048, 330.673



55, 3.048, 20.673



55, 3.048, 150.673



55, 3.048, 200.673

Sweetspot

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



55, 3.046, 330.676



71, 1.024, 330.320



55, 2.912, 298.234



38, 0.587, 330.296



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



55, 3.046, 330.676



70, 4.087, 330.707



55, 2.172, 356.123



28, 2.361, 330.744



29, 61.138, 337.835



0, 2.184, 330.529

Inverse Universe

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



55, 3.046, 330.676



70, 4.087, 330.707



56, 2.144, 175.803



28, 2.361, 330.744



29, 61.138, 337.835



0, 2.184, 330.529

Previews

White Background



This preview shows how the CIELCh color 55, 3.048, 330.673 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 55, 3.048, 330.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

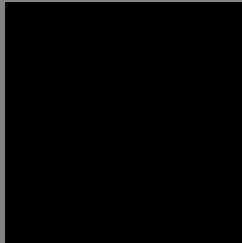
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

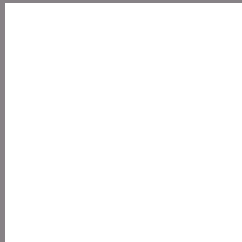
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 3.048, 330.673

Background



This preview shows how black text looks on a background with the CIELCh color 55, 3.048, 330.673.



This preview shows how white text looks on a background with the CIELCh color 55, 3.048, 330.673.

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


55, 3.048, 330.673

Protanopia

55, 2.443, 309.156

Deuteranopia

55, 7.200, 346.322



Tritanopia
55, 6.919, 313.981

Trichromacy



Original Color

55, 3.048, 330.673

Protanomaly

55, 2.599, 317.360

Deuteranomaly

55, 5.572, 341.831

Tritanomaly

55, 5.884, 318.389

Monochromacy



Original Color

55, 3.048, 330.673

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 1.406, 324.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 3.048, 330.673 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(135, 130, 134)` looks like.

```
.text, #text, p{  
    color:rgb(135, 130, 134)  
}
```

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, 130, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 130, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 3.048, 330.673 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(135, 130, 134) }
```

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

```
.border{ border-color:rgb(135, 130, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 130, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 130, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 130, 134);  
box-shadow:4px 4px 4px 4px rgb(135, 130,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 3.048, 330.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 130, 134) }
```

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

```
.background{ background-color: rgb(135,  
130, 134) }
```

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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