

Converting Colors

CIELCh(53, 6.076, 310.498)

Have a look what the booklet for
CIELCh(53, 6.076, 310.498) contains.

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Color

CIELCh(53, 5.591, 311.241)

Conversions

Conversions Part 1

Format	Color
Hex	827D86
RGB	130, 125, 134
RGB Percent	51%, 49%, 53%
CMY	0.4912, 0.5107, 0.4755
CMYK	0.03, 0.07, 0.00, 0.48
HSL	273°, 4%, 51%
HSV	273°, 7%, 52%
XYZ	20.7567, 21.0462, 25.4320
YIQ	127.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

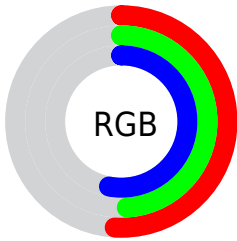
Format	Color
R _Y B	130, 125, 134
Decimal	8551814
CIE Lab	53.00, 3.69, -4.20
CIE LCh	53, 5.591, 311.241
Yxy	21.0462, 0.3087, 0.3130
Android (android.graphics.Color)	4286741894 (0xFF827D86)
YUV	127.5210, 3.1941, 2.1741
Hunter-Lab	45.8761, 0.4794, -0.7549

Details

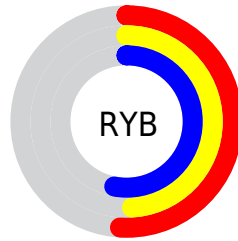
The CIELCh color **53, 5.591, 311.241** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **55, 5.536, 130.726**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 5.249, 311.161**, and **33, 5.500, 313.657** is the 20% darker color. If you saturate the color by 10%, you get **49, 14.075, 311.683**, and if you desaturate by 10%, it is **57, 2.675, 130.893**.

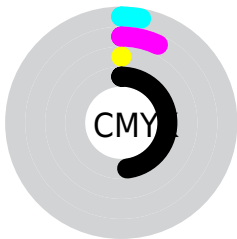
Distribution



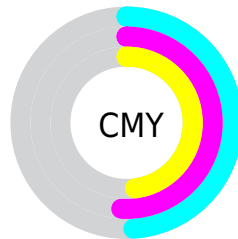
- Red (51%)
- Green (49%)
- Blue (53%)



- Red (51%)
- Yellow (49%)
- Blue (53%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 5.591, 311.241 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 53, 5.591, 311.241 by changing the saturation by 10% instead.

■ 53, 5.591, 311.241

■ 53, 5.591, 311.241

■ 100, 5.591,
311.241

■ 43, 5.591, 311.241

■ 73, 5.591, 311.241

■ 33, 5.591, 311.241

■ 83, 5.591, 311.241

■ 23, 5.591, 311.241

■ 93, 5.591, 311.241

■ 13, 5.591, 311.241

■ 3, 5.591, 311.241

■ 0, 5.591, 311.241

■ 53, 5.591, 311.241

■ 53, 5.591, 311.241

■ 49, 14.075,
311.683

■ 57, 2.675, 130.893

■ 61, 10.704,

45, 22.750,
312.146

130.499

41, 31.551,
312.623

66, 18.497,
130.167

37, 40.368,
313.092

70, 26.057,
129.873

33, 49.014,
313.520

74, 33.394,
129.613

29, 57.201,
313.858

78, 40.518,
129.384

26, 64.517,
314.036

82, 47.438,
129.184

23, 70.453,
313.967

86, 54.167,
129.010

21, 74.766,
313.621

90, 60.716,
128.860

Harmonies

Complementary

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



53, 5.591, 311.241



55, 5.536, 130.726

Rectangle

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



53, 5.591, 311.241



53, 5.591, 1.241



53, 5.591, 131.241



53, 5.591, 181.241

Sweetspot

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



53, 5.589, 311.238



70, 2.048, 311.004



54, 3.234, 261.551



36, 1.159, 310.994



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 5.589, 311.238



67, 8.235, 311.302



53, 6.111, 326.138



26, 4.668, 311.343



20, 74.615, 313.561



0, 1.106, 310.979

Inverse Universe

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



53, 4.286, 347.238



67, 6.316, 347.377



55, 6.097, 145.462



26, 3.581, 347.466



27, 51.233, 5.784



0, 0.847, 346.747

Previews

White Background



This preview shows how the CIELCh color 53, 5.591, 311.241 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 53, 5.591, 311.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

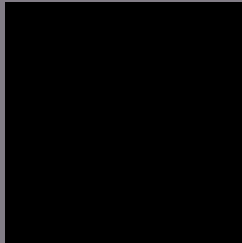
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

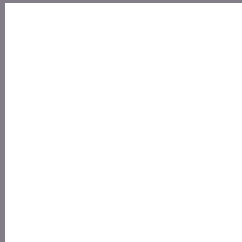
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 5.591, 311.241

Background



This preview shows how black text looks on a background with the CIELCh color 53, 5.591, 311.241.



This preview shows how white text looks on a background with the CIELCh color 53, 5.591, 311.241.

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

53, 5.591, 311.241

Protanopia

53, 4.633, 290.763

Deuteranopia

53, 7.964, 327.236



Tritanopia
53, 5.591, 311.241

Trichromacy



Original Color

53, 5.591, 311.241

Protanomaly

53, 4.655, 295.546

Deuteranomaly

53, 6.816, 322.037

Tritanomaly

53, 5.591, 311.241

Monochromacy



Original Color

53, 5.591, 311.241

Achromatopsia

53, 0.007, 296.813

Achromatomaly

53, 1.922, 314.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 5.591, 311.241 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(130, 125, 134)` looks like.

```
.text, #text, p{  
    color:rgb(130, 125, 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(130, 125, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 125, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 5.591, 311.241 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(130, 125, 134) }
```

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

```
.border{ border-color:rgb(130, 125, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 125, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 125, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 125, 134);  
box-shadow:4px 4px 4px 4px rgb(130, 125,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 5.591, 311.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 125, 134) }
```

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

```
.background{ background-color: rgb(130,  
125, 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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