

Converting Colors

CIELCh(53, 3.071, 241.660)

Have a look what the booklet for
CIELCh(53, 3.071, 241.660) contains.

CIELCh(53, 2.997, 250.056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 2.997, 250.056)

Conversions

Conversions Part 1

Format	Color
Hex	7A7F83
RGB	122, 127, 131
RGB Percent	48%, 50%, 51%
CMY	0.5206, 0.5010, 0.4853
CMYK	0.07, 0.03, 0.00, 0.49
HSL	207°, 4%, 50%
HSV	207°, 7%, 51%
XYZ	19.7982, 21.0462, 24.5826
YIQ	125.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

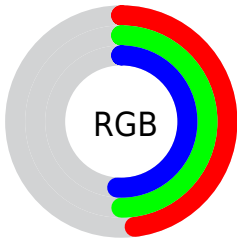
Format	Color
R _Y B	122, 125, 131
Decimal	8028035
CIE Lab	53.00, -1.02, -2.82
CIE LCh	53, 2.997, 250.056
Yxy	21.0462, 0.3026, 0.3217
Android (android.graphics.Color)	4286218115 (0xFF7A7F83)
YUV	125.9610, 2.4842, -3.4738
Hunter-Lab	45.8761, -3.2501, 0.3429

Details

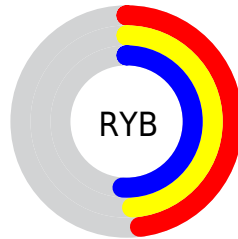
The CIELCh color **53, 2.997, 250.056** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **53, 3.055, 68.307**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 3.066, 244.605**, and **33, 3.243, 250.460** is the 20% darker color. If you saturate the color by 10%, you get **50, 7.292, 251.293**, and if you desaturate by 10%, it is **56, 1.375, 68.594**.

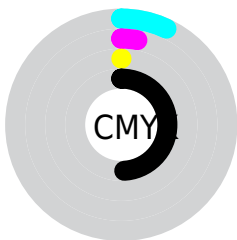
Distribution



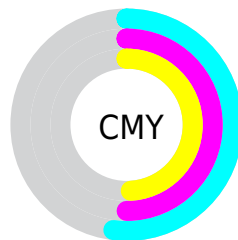
- Red (48%)
- Green (50%)
- Blue (51%)



- Red (48%)
- Yellow (49%)
- Blue (51%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (52%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 2.997, 250.056 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, 2.997, 250.056 by changing the saturation by 10% instead.

■ 53, 2.997, 250.056

■ 53, 2.997, 250.056

■ 100, 2.997,
250.056

■ 43, 2.997, 250.056

■ 73, 2.997, 250.056

■ 33, 2.997, 250.056

■ 83, 2.997, 250.056

■ 23, 2.997, 250.056

■ 93, 2.997, 250.056

■ 13, 2.997, 250.056

■ 3, 2.997, 250.056

■ 0, 2.997, 250.056

■ 53, 2.997, 250.056

■ 53, 2.997, 250.056

■ 50, 7.292, 251.293

■ 56, 1.375, 68.594

■ 48, 11.488,

■ 58, 5.801, 67.817

252.857

61, 10.261, 67.034

45, 15.560,
254.740

64, 14.741, 66.350

42, 19.487,
256.997

67, 19.225, 65.755

40, 23.259,
259.690

69, 23.703, 65.235

38, 26.879,
262.871

72, 28.166, 64.777

75, 32.607, 64.371

35, 30.376,
266.566

78, 37.021, 64.008

33, 33.806,
270.747

31, 37.269,
275.210

Harmonies

Complementary

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



53, 2.997, 250.056



53, 3.055, 68.307

Rectangle

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



53, 2.997, 250.056



53, 2.997, 300.056



53, 2.997, 70.056



53, 2.997, 120.056

Sweetspot

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



53, 2.997, 250.029



69, 1.092, 249.703



54, 4.642, 159.772



36, 0.626, 249.712



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, 2.997, 250.029



67, 4.329, 250.175



52, 4.890, 288.074



27, 2.479, 250.286



30, 38.114, 276.468



0, 0.599, 249.156

Inverse Universe

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



52, 4.642, 341.219



66, 6.725, 341.332



54, 4.819, 106.685



26, 3.858, 341.412



27, 52.361, 355.657



0, 0.915, 340.760

Previews

White Background



This preview shows how the CIELCh color 53, 2.997, 250.056 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, 2.997, 250.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

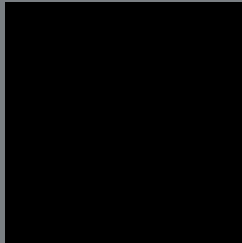
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

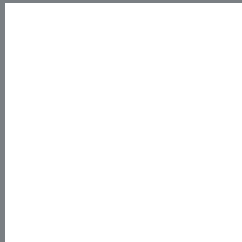
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 2.997, 250.056

Background



This preview shows how black text looks on a background with the CIELCh color 53, 2.997, 250.056.



This preview shows how white text looks on a background with the CIELCh color 53, 2.997, 250.056.

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

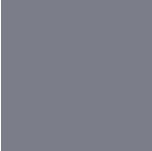
53, 2.997, 250.056

Protanopia

53, 2.358, 300.084

Deuteranopia

53, 7.355, 335.198



Tritanopia
53, 5.883, 279.641

Trichromacy



Original Color

53, 2.997, 250.056

Protanomaly

53, 2.347, 280.874

Deuteranomaly

53, 4.716, 320.693

Tritanomaly

53, 4.756, 276.689

Monochromacy



Original Color

53, 2.997, 250.056

Achromatopsia

53, 0.007, 296.813

Achromatomaly

53, 1.223, 271.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 2.997, 250.056 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(122, 127, 131)` looks like.

```
.text, #text, p{  
    color:rgb(122, 127, 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(122, 127, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 127, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 2.997, 250.056 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(122, 127, 131) }
```

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

```
.border{ border-color:rgb(122, 127, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 127, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 127, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 127, 131);  
box-shadow:4px 4px 4px 4px rgb(122, 127,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 2.997, 250.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 127, 131) }
```

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

```
.background{ background-color: rgb(122,  
127, 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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