

Converting Colors

CIELCh(53, 1.744, 309.111)

Have a look what the booklet for
CIELCh(53, 1.744, 309.111) contains.

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Color

CIELCh(53, 1.791, 303.143)

Conversions

Conversions Part 1

Format	Color
Hex	7F7E81
RGB	127, 126, 129
RGB Percent	50%, 49%, 51%
CMY	0.5017, 0.5056, 0.4938
CMYK	0.02, 0.02, 0.00, 0.49
HSL	260°, 1%, 50%
HSV	260°, 2%, 51%
XYZ	20.2020, 21.0462, 23.7933
YIQ	126.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

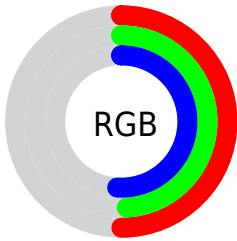
Format	Color
R_{YB}	127, 126, 129
Decimal	8355457
CIE Lab	53.00, 0.98, -1.50
CIE LCh	53, 1.791, 303.143
Yxy	21.0462, 0.3106, 0.3236
Android (android.graphics.Color)	4286545537 (0xFF7F7E81)
YUV	126.6410, 1.1630, 0.3148
Hunter-Lab	45.8761, -1.6790, 1.3630

Details

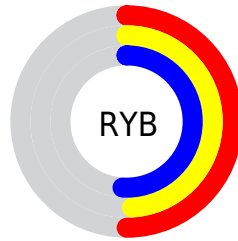
The CIELCh color $53, 1.791, 303.143$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 1.769, 122.935$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 1.682, 303.102$, and $33, 1.949, 303.216$ is the 20% darker color. If you saturate the color by 10%, you get $49, 9.624, 303.701$, and if you desaturate by 10%, it is $57, 5.785, 122.667$.

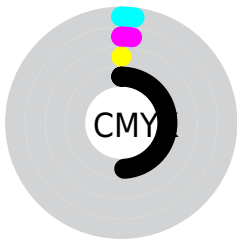
Distribution



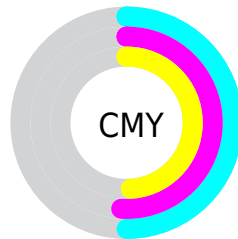
- Red (50%)
- Green (49%)
- Blue (51%)



- Red (50%)
- Yellow (49%)
- Blue (51%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 1.791, 303.143 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, 1.791, 303.143 by changing the saturation by 10% instead.

■ 53, 1.791, 303.143

■ 53, 1.791, 303.143

100, 1.791,
303.143

■ 43, 1.791, 303.143

■ 73, 1.791, 303.143

■ 33, 1.791, 303.143

■ 83, 1.791, 303.143

■ 23, 1.791, 303.143

■ 93, 1.791, 303.143

■ 13, 1.791, 303.143

■ 3, 1.791, 303.143

■ 0, 1.791, 303.143

■ 53, 1.791, 303.143

■ 53, 1.791, 303.143

■ 49, 9.624, 303.701

■ 57, 5.785, 122.667

■ 44, 17.722,

■ 62, 13.110,

304.330

122.235

40, 26.071,
305.027

66, 20.195,
121.861

36, 34.636,
305.787

70, 27.053,
121.537

32, 43.333,
306.590

74, 33.699,
121.257

27, 51.991,
307.394

79, 40.145,
121.017

24, 60.298,
308.130

83, 46.403,
120.810

20, 67.746,
308.685

87, 52.484,
120.633

18, 73.632,
308.913

91, 58.400,
120.482

Harmonies

Complementary

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



53, 1.791, 303.143



54, 1.769, 122.935

Rectangle

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



53, 1.791, 303.143



53, 1.791, 353.143



53, 1.791, 123.143



53, 1.791, 173.143

Sweetspot

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



53, 1.790, 303.125



68, 0.960, 303.027



53, 0.971, 234.162



35, 0.543, 303.019



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



53, 1.790, 303.125



67, 2.872, 303.170



53, 2.002, 319.330



26, 1.721, 303.203



16, 76.933, 309.087



0, 0.000, 0.000

Inverse Universe

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



53, 1.674, 335.648



68, 2.686, 335.735



54, 1.987, 139.286



26, 1.609, 335.790



27, 54.450, 346.585



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 53, 1.791, 303.143 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, 1.791, 303.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

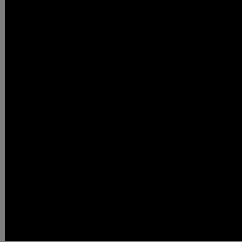
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

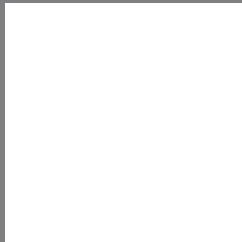
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 1.791, 303.143

Background



This preview shows how black text looks on a background with the CIELCh color 53, 1.791, 303.143.



This preview shows how white text looks on a background with the CIELCh color 53, 1.791, 303.143.

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, 1.791, 303.143

Protanopia

53, 1.922, 314.697

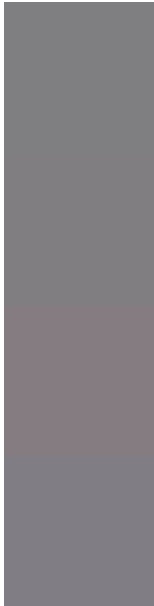
Deuteranopia

53, 6.920, 344.434



Tritanopia
53, 5.928, 302.214

Trichromacy



Original Color

53, 1.791, 303.143

Protanomaly

53, 1.922, 314.697

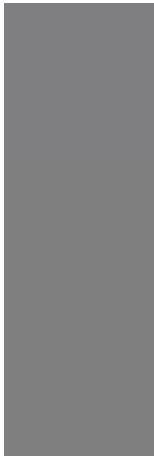
Deuteranomaly

53, 5.008, 336.070

Tritanomaly

53, 4.799, 304.874

Monochromacy



Original Color

53, 1.791, 303.143

Achromatopsia

53, 0.007, 296.813

Achromatomaly

53, 0.584, 290.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 1.791, 303.143 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(127, 126, 129)` looks like.

```
.text, #text, p{  
    color:rgb(127, 126, 129)  
}
```

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(127, 126, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 126, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 1.791, 303.143 is called "border". The border property can be set on classes, ids or directly on the HTML element.

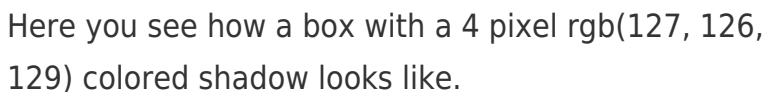
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 126, 129) }
```

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

```
.border{ border-color:rgb(127, 126, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 126, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 126, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 126, 129); box-shadow:4px 4px 4px 4px rgb(127, 126, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 1.791, 303.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 126, 129) }
```

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

```
.background{ background-color: rgb(127,  
126, 129) }
```

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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