

Converting Colors

CIELCh(53, 10.627, 206.624)

Have a look what the booklet for
CIELCh(53, 10.627, 206.624)
contains.

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Color

CIELCh(53, 10.760, 204.575)

Conversions

Conversions Part 1

Format	Color
Hex	678486
RGB	103, 132, 134
RGB Percent	40%, 52%, 53%
CMY	0.5967, 0.4830, 0.4752
CMYK	0.23, 0.01, 0.00, 0.48
HSL	184°, 13%, 46%
HSV	184°, 23%, 52%
XYZ	18.0936, 21.0462, 25.6001
YIQ	123.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

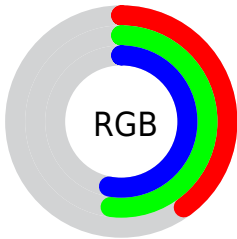
Format	Color
R_{YB}	103, 118, 134
Decimal	6784134
CIE _{Lab}	53.00, -9.79, -4.47
CIE _{LCh}	53, 10.760, 204.575
Yxy	21.0462, 0.2795, 0.3251
Android (android.graphics.Color)	4284974214 (0xFF678486)
YUV	123.5570, 5.1484, -18.0285
Hunter-Lab	45.8761, -9.8827, -0.9722

Details

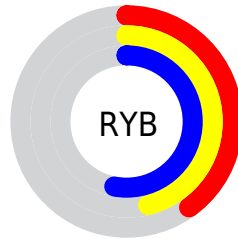
The CIELCh color `53, 10.760, 204.575` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `47, 12.533, 26.239`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `73, 10.652, 204.494`, and `33, 10.873, 201.263` is the 20% darker color. If you saturate the color by 10%, you get `52, 14.856, 204.424`, and if you desaturate by 10%, it is `54, 6.301, 204.814`.

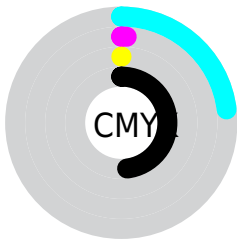
Distribution



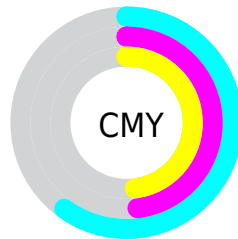
- Red (40%)
- Green (52%)
- Blue (53%)



- Red (40%)
- Yellow (46%)
- Blue (53%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (48%)





- Cyan (60%)
- Magenta (48%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 10.760, 204.575 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, 10.760, 204.575 by changing the saturation by 10% instead.


 53, 10.760,
204.575


 53, 10.760,
204.575


 100, 10.760,
204.575


 43, 10.760,
204.575


 73, 10.760,
204.575

 33, 10.760,
204.575

 83, 10.760,
204.575

 23, 10.760,
204.575

 93, 10.760,
204.575

 13, 10.760,
204.575

 3, 10.760, 204.575

 0, 10.760, 204.575

■ 53, 10.760,
204.575

■ 53, 10.760,
204.575

■ 52, 14.856,
204.424

■ 54, 6.301, 204.814

■ 51, 18.512,
204.386

■ 55, 1.550, 205.301

■ 50, 21.657,
204.470

■ 57, 3.425, 25.251

■ 49, 24.230,
204.697

■ 58, 8.565, 25.703

■ 49, 26.192,
205.086

■ 60, 13.822, 26.132

■ 48, 27.532,
205.657

■ 61, 19.153, 26.571

■ 48, 28.278,
206.426

■ 63, 24.527, 27.021

■ 48, 28.627,

■ 65, 29.916, 27.476

■ 67, 35.301, 27.933

Harmonies

Complementary

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



53, 10.760, 204.575



47, 12.533, 26.239

Rectangle

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



53, 10.760, 204.575



53, 10.760, 254.575



53, 10.760, 24.575



53, 10.760, 74.575

Sweetspot

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



53, 10.760, 204.569



70, 4.206, 205.031



53, 21.165, 144.327



36, 2.718, 205.011



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, 10.760, 204.569



67, 15.772, 204.478



49, 11.120, 263.976



27, 2.708, 204.950



46, 28.046, 206.972



1, 0.664, 205.152

Inverse Universe

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



47, 20.977, 327.479



58, 31.319, 327.780



51, 11.590, 77.757



26, 5.045, 326.693



30, 66.765, 330.891



0, 1.202, 326.218

Previews

White Background



This preview shows how the CIELCh color 53, 10.760, 204.575 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 53, 10.760, 204.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

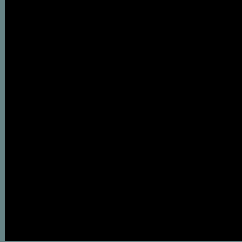
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

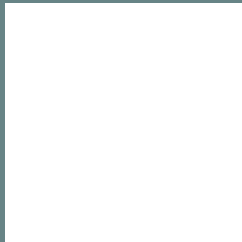
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 10.760, 204.575

Background



This preview shows how black text looks on a background with the CIELCh color 53, 10.760, 204.575.



This preview shows how white text looks on a background with the CIELCh color 53, 10.760, 204.575.

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, 10.760, 204.575

Protanopia
53, 2.358, 300.084

Deuteranopia
53, 8.711, 320.577



Tritanopia
53, 11.184, 229.908

Trichromacy



Original Color
53, 10.760, 204.575

Protanomaly
53, 4.198, 223.608

Deuteranomaly
53, 5.318, 278.314

Tritanomaly
53, 10.552, 221.220

Monochromacy



Original Color
53, 10.760, 204.575

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 3.925, 207.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 10.760, 204.575 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(103, 132, 134)` looks like.

```
.text, #text, p{  
    color:rgb(103, 132, 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(103, 132, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 132, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 10.760, 204.575 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(103, 132, 134) }
```

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

```
.border{ border-color:rgb(103, 132, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 132, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 132, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 132, 134);  
box-shadow:4px 4px 4px 4px rgb(103, 132,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 10.760, 204.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 132, 134) }
```

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

```
.background{ background-color: rgb(103,  
132, 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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