

Converting Colors

CIELCh(53, 4.335, 187.795)

Have a look what the booklet for
CIELCh(53, 4.335, 187.795) contains.

CIELCh(53, 4.472, 184.015)	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, 4.472, 184.015)

Conversions

Conversions Part 1

Format	Color
Hex	76817F
RGB	118, 129, 127
RGB Percent	46%, 51%, 50%
CMY	0.5377, 0.4945, 0.5024
CMYK	0.09, 0.00, 0.02, 0.49
HSL	169°, 4%, 48%
HSV	169°, 9%, 51%
XYZ	19.1171, 21.0462, 23.0971
YIQ	125.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

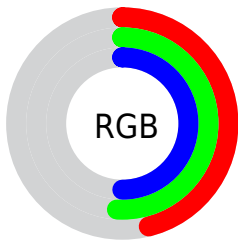
Format	Color
R_{YB}	118, 124, 129
Decimal	7766399
CIE Lab	53.00, -4.46, -0.31
CIE LCh	53, 4.472, 184.015
Yxy	21.0462, 0.3022, 0.3327
Android (android.graphics.Color)	4285956479 (0xFF76817F)
YUV	125.4830, 0.7479, -6.5626
Hunter-Lab	45.8761, -5.9004, 2.2627

Details

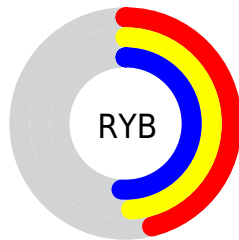
The CIELCh color $53, 4.472, 184.015$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 4.629, 5.308$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 4.563, 185.373$, and $33, 4.439, 182.297$ is the 20% darker color. If you saturate the color by 10%, you get $52, 9.569, 183.089$, and if you desaturate by 10%, it is $54, 0.780, 4.276$.

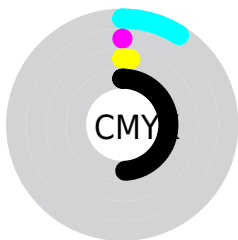
Distribution



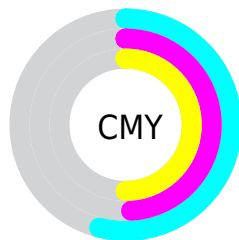
- Red (46%)
- Green (51%)
- Blue (50%)



- Red (46%)
- Yellow (49%)
- Blue (51%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 4.472, 184.015 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, 4.472, 184.015 by changing the saturation by 10% instead.

■ 53, 4.472, 184.015

■ 53, 4.472, 184.015

■ 100, 4.472,
184.015

■ 43, 4.472, 184.015

■ 73, 4.472, 184.015

■ 33, 4.472, 184.015

■ 83, 4.472, 184.015

■ 23, 4.472, 184.015

■ 93, 4.472, 184.015

■ 13, 4.472, 184.015

■ 3, 4.472, 184.015

■ 0, 4.472, 184.015

■ 53, 4.472, 184.015

■ 53, 4.472, 184.015

■ 52, 9.569, 183.089

■ 54, 0.780, 4.276

■ 51, 14.434,

■ 55, 6.128, 5.499

182.164

57, 11.518, 6.308

50, 18.988,
181.196

58, 16.909, 7.075

50, 23.150,
180.165

59, 22.269, 7.814

49, 26.841,
179.057

61, 27.574, 8.531

49, 29.997,
177.850

64, 37.957, 9.899

48, 32.580,
176.525

66, 43.018, 10.553

48, 34.585,
175.062

48, 36.158,
173.506

Harmonies

Complementary

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



53, 4.472, 184.015



51, 4.629, 5.308

Rectangle

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



53, 4.472, 184.015



53, 4.472, 234.015



53, 4.472, 4.015



53, 4.472, 54.015

Sweetspot

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



53, 4.473, 184.003



69, 1.966, 184.610



53, 7.338, 138.947



35, 1.483, 184.505



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, 4.473, 184.003



68, 6.504, 183.844



52, 3.518, 234.391



26, 2.926, 183.950



47, 36.093, 173.307



0, 0.000, 0.000

Inverse Universe

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



51, 4.629, 5.308



64, 6.776, 5.483



52, 3.668, 52.937



25, 3.034, 5.365



26, 55.334, 28.915



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 53, 4.472, 184.015 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, 4.472, 184.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

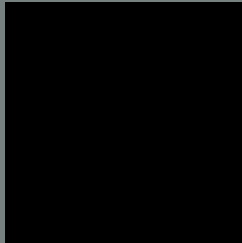
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

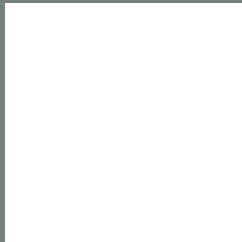
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 4.472, 184.015

Background



This preview shows how black text looks on a background with the CIELCh color 53, 4.472, 184.015.



This preview shows how white text looks on a background with the CIELCh color 53, 4.472, 184.015.

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

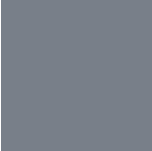
53, 4.472, 184.015

Protanopia

53, 1.325, 44.999

Deuteranopia

53, 7.319, 351.978



Tritanopia
53, 6.315, 266.004

Trichromacy



Original Color

53, 4.472, 184.015

Protanomaly

53, 0.984, 163.824

Deuteranomaly

53, 2.971, 343.911

Tritanomaly

53, 4.460, 239.725

Monochromacy



Original Color

53, 4.472, 184.015

Achromatopsia

52, 0.007, 296.813

Achromatomaly

52, 1.579, 199.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 4.472, 184.015 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(118, 129, 127)` looks like.

```
.text, #text, p{  
    color:rgb(118, 129, 127)  
}
```

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(118, 129, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 129, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 4.472, 184.015 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(118, 129, 127) }
```

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

```
.border{ border-color:rgb(118, 129, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 129, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 129, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 129, 127);  
box-shadow:4px 4px 4px 4px rgb(118, 129,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 4.472, 184.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 129, 127) }
```

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

```
.background{ background-color: rgb(118,  
129, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor