

Converting Colors

CIELCh(53, 7.340, 160.094)

Have a look what the booklet for
CIELCh(53, 7.340, 160.094) contains.

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Color

CIELCh(53, 7.266, 159.212)

Conversions

Conversions Part 1

Format	Color
Hex	74827A
RGB	116, 130, 122
RGB Percent	45%, 51%, 48%
CMY	0.5455, 0.4906, 0.5220
CMYK	0.11, 0.00, 0.06, 0.49
HSL	146°, 6%, 48%
HSV	146°, 11%, 51%
XYZ	18.6642, 21.0462, 21.4576
YIQ	124.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

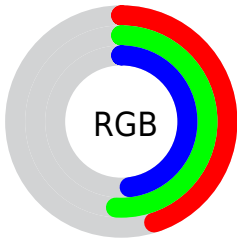
Format	Color
R_{YB}	116, 126, 130
Decimal	7635578
CIE Lab	53.00, -6.79, 2.58
CIE LCh	53, 7.266, 159.212
Yxy	21.0462, 0.3051, 0.3441
Android (android.graphics.Color)	4285825658 (0xFF74827A)
YUV	124.9020, -1.4307, -7.8071
Hunter-Lab	45.8761, -7.6626, 4.3817

Details

The CIELCh color $53, 7.266, 159.212$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 7.340, 340.764$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 7.462, 158.060$, and $33, 7.584, 156.808$ is the 20% darker color. If you saturate the color by 10%, you get $52, 14.019, 158.339$, and if you desaturate by 10%, it is $54, 0.518, 160.469$.

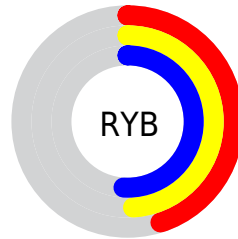
Distribution



Red (45%)

Green (51%)

Blue (48%)



Red (45%)

Yellow (49%)

Blue (51%)

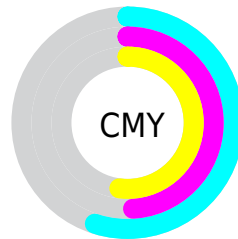


Cyan (11%)

Magenta (0%)

Yellow (6%)

Black (49%)



Cyan (55%)

Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 7.266, 159.212 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, 7.266, 159.212 by changing the saturation by 10% instead.

■ 53, 7.266, 159.212

■ 53, 7.266, 159.212

■ 100, 7.266,
159.212

■ 43, 7.266, 159.212

■ 73, 7.266, 159.212

■ 33, 7.266, 159.212

■ 83, 7.266, 159.212

■ 23, 7.266, 159.212

■ 93, 7.266, 159.212

■ 13, 7.266, 159.212

■ 3, 7.266, 159.212

■ 0, 7.266, 159.212

■ 53, 7.266, 159.212

■ 53, 7.266, 159.212

■ 52, 14.019,
158.339

■ 54, 0.518, 160.469

■ 56, 6.168, 340.578

■ 51, 20.692,
157.375

■ 57, 12.742,
341.227

■ 50, 27.194,
156.289

■ 59, 19.171,
341.807

■ 49, 33.417,
155.059

■ 60, 25.435,
342.339

■ 49, 39.253,
153.663

■ 62, 31.519,
342.830

■ 48, 44.600,
152.083

■ 64, 37.418,
343.287

■ 48, 49.380,
150.310

■ 65, 43.133,
343.714

■ 47, 53.549,
148.352

■ 67, 48.665,
344.116

■ 47, 57.008,
146.549

Harmonies

Complementary

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



53, 7.266, 159.212



50, 7.340, 340.764

Rectangle

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



53, 7.266, 159.212



53, 7.266, 209.212



53, 7.266, 339.212



53, 7.266, 29.212

Sweetspot

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



53, 7.267, 159.209



69, 2.489, 159.901



53, 8.408, 125.615



35, 1.880, 159.821



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, 7.267, 159.209



67, 10.838, 158.996



53, 5.477, 191.813



26, 3.741, 159.351



46, 56.193, 146.594



0, 0.000, 0.000

Inverse Universe

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



50, 7.340, 340.764



63, 10.966, 340.971



50, 5.789, 13.289



25, 3.774, 340.625



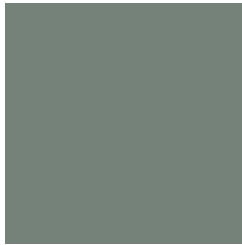
27, 51.937, 354.232



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 53, 7.266, 159.212 looks on a white background.

Color Contrast Check

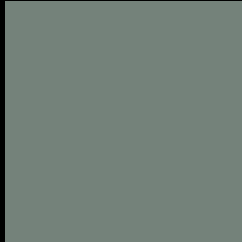
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.266, 159.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

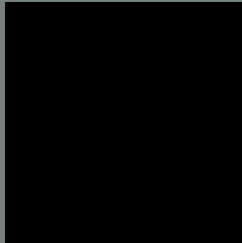
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

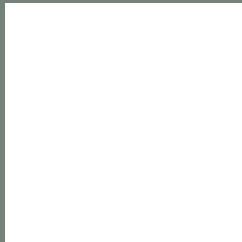
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 7.266, 159.212

Background



This preview shows how black text looks on a background with the CIELCh color 53, 7.266, 159.212.



This preview shows how white text looks on a background with the CIELCh color 53, 7.266, 159.212.

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

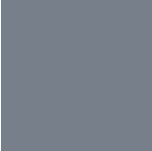
53, 7.266, 159.212

Protanopia

53, 3.811, 84.432

Deuteranopia

53, 7.377, 15.714



Tritanopia
53, 6.638, 260.073

Trichromacy



Original Color
53, 7.266, 159.212

Protanomaly
53, 3.558, 122.818

Deuteranomaly
53, 2.676, 45.018

Tritanomaly
53, 4.539, 221.600

Monochromacy



Original Color
53, 7.266, 159.212

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 2.652, 158.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 7.266, 159.212 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(116, 130, 122)` looks like.

```
.text, #text, p{  
    color:rgb(116, 130, 122)  
}
```

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(116, 130, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 130, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 7.266, 159.212 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(116, 130, 122) }
```

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

```
.border{ border-color:rgb(116, 130, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 130, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 130, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 130, 122);  
box-shadow:4px 4px 4px 4px rgb(116, 130,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 7.266, 159.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 130, 122) }
```

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

```
.background{ background-color: rgb(116,  
130, 122) }
```

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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