

Converting Colors

CIELCh(53, 7.033, 193.495)

Have a look what the booklet for
CIELCh(53, 7.033, 193.495) contains.

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Color

CIELCh(53, 6.948, 193.942)

Conversions

Conversions Part 1

Format	Color
Hex	708281
RGB	112, 130, 129
RGB Percent	44%, 51%, 51%
CMY	0.5602, 0.4896, 0.4936
CMYK	0.14, 0.00, 0.01, 0.49
HSL	177°, 7%, 48%
HSV	177°, 14%, 51%
XYZ	18.6737, 21.0462, 23.8968
YIQ	124.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

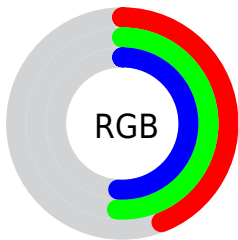
Format	Color
R_{YB}	112, 121, 130
Decimal	7373441
CIE _{Lab}	53.00, -6.74, -1.67
CIE _{LCh}	53, 6.948, 193.942
Yxy	21.0462, 0.2935, 0.3308
Android (android.graphics.Color)	4285563521 (0xFF708281)
YUV	124.5040, 2.2165, -10.9660
Hunter-Lab	45.8761, -7.6253, 1.2292

Details

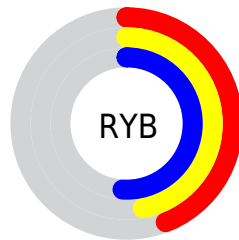
The CIELCh color **53, 6.948, 193.942** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 7.499, 15.785**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 6.934, 194.413**, and **33, 7.031, 193.256** is the 20% darker color. If you saturate the color by 10%, you get **52, 11.662, 193.267**, and if you desaturate by 10%, it is **54, 1.965, 194.731**.

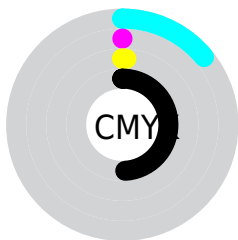
Distribution



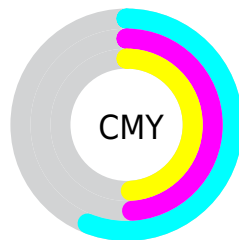
- Red (44%)
- Green (51%)
- Blue (51%)



- Red (44%)
- Yellow (47%)
- Blue (51%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (49%)



- Cyan (56%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 6.948, 193.942 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, 6.948, 193.942 by changing the saturation by 10% instead.

■ 53, 6.948, 193.942

■ 53, 6.948, 193.942

■ 100, 6.948,
193.942

■ 43, 6.948, 193.942

■ 73, 6.948, 193.942

■ 33, 6.948, 193.942

■ 83, 6.948, 193.942

■ 23, 6.948, 193.942

■ 93, 6.948, 193.942

■ 13, 6.948, 193.942

■ 3, 6.948, 193.942

■ 0, 6.948, 193.942

■ 53, 6.948, 193.942

■ 53, 6.948, 193.942

■ 52, 11.662,
193.267

■ 54, 1.965, 194.731

■ 55, 3.217, 15.067

■ 51, 16.027,
192.625

■ 56, 8.537, 15.810

■ 51, 19.966,
191.998

■ 58, 13.940, 16.496

■ 59, 19.385, 17.171

■ 50, 23.404,
191.380

■ 61, 24.837, 17.838

■ 50, 26.280,
190.765

■ 62, 30.270, 18.497

■ 64, 35.666, 19.145

■ 49, 28.553,
190.144

■ 65, 41.010, 19.780

■ 49, 30.213,
189.507

■ 49, 31.295,
188.841

■ 49, 31.845,
188.432

Harmonies

Complementary

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



53, 6.948, 193.942



49, 7.499, 15.785

Rectangle

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



53, 6.948, 193.942



53, 6.948, 243.942



53, 6.948, 13.942



53, 6.948, 63.942

Sweetspot

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



53, 6.949, 193.933



68, 2.529, 194.702



53, 12.476, 141.917



35, 1.787, 194.632



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, 6.949, 193.933



67, 10.446, 193.692



51, 5.920, 249.573



28, 2.906, 194.267



49, 31.828, 188.433



1, 0.710, 194.797

Inverse Universe

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



49, 7.499, 15.785



61, 11.510, 16.118



51, 6.209, 66.358



26, 3.055, 15.367



26, 60.455, 36.276



0, 0.710, 14.781

Previews

White Background



This preview shows how the CIELCh color 53, 6.948, 193.942 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, 6.948, 193.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

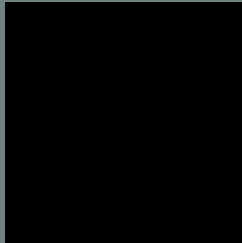
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

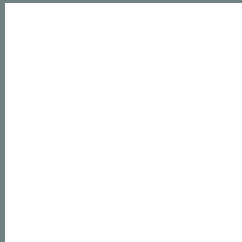
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 6.948, 193.942

Background



This preview shows how black text looks on a background with the CIELCh color 53, 6.948, 193.942.



This preview shows how white text looks on a background with the CIELCh color 53, 6.948, 193.942.

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, 6.948, 193.942

Protanopia

53, 0.993, 343.479

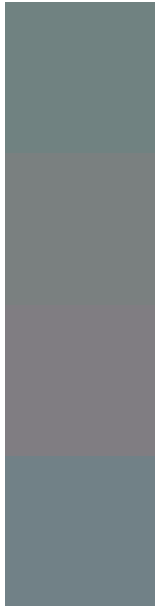
Deuteranopia

53, 7.947, 339.401



Tritanopia
53, 7.931, 246.036

Trichromacy



Original Color
53, 6.948, 193.942

Protanomaly
53, 2.354, 199.325

Deuteranomaly
53, 3.147, 312.601

Tritanomaly
53, 6.881, 229.330

Monochromacy



Original Color
53, 6.948, 193.942

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 2.745, 199.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 6.948, 193.942 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(112, 130, 129)` looks like.

```
.text, #text, p{  
    color:rgb(112, 130, 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(112, 130, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 130, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 6.948, 193.942 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(112, 130, 129) }
```

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

```
.border{ border-color:rgb(112, 130, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 130, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 130, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 130, 129);  
box-shadow:4px 4px 4px 4px rgb(112, 130,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 6.948, 193.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 130, 129) }
```

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

```
.background{ background-color: rgb(112,  
130, 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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