

Converting Colors

CIELCh(53, 18.688, 215.958)

Have a look what the booklet for
CIELCh(53, 18.688, 215.958)
contains.

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Color

CIELCh(53, 18.692, 215.961)

Conversions

Conversions Part 1

Format	Color
Hex	518791
RGB	81, 135, 145
RGB Percent	32%, 53%, 57%
CMY	0.6832, 0.4714, 0.4322
CMYK	0.44, 0.07, 0.00, 0.43
HSL	189°, 28%, 44%
HSV	189°, 44%, 57%
XYZ	17.1036, 21.0462, 29.8621
YIQ	119.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

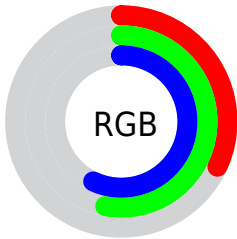
Format	Color
R_{YB}	81, 110, 145
Decimal	5343121
CIE _{Lab}	53.00, -15.13, -10.98
CIE _{LCh}	53, 18.692, 215.961
Y _{xy}	21.0462, 0.2515, 0.3094
Android (android.graphics.Color)	4283533201 (0xFF518791)
YUV	119.9940, 12.3280, -34.1977
Hunter-Lab	45.8761, -13.7345, -6.4803

Details

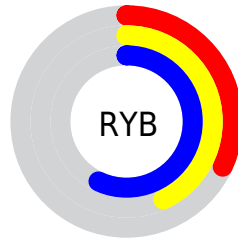
The CIELCh color **53, 18.692, 215.961** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **44, 25.803, 35.635**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 18.609, 216.997**, and **33, 18.707, 217.104** is the 20% darker color. If you saturate the color by 10%, you get **52, 21.769, 216.811**, and if you desaturate by 10%, it is **54, 15.108, 215.356**.

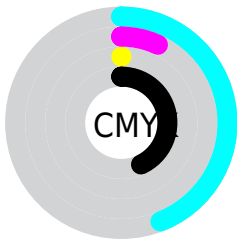
Distribution



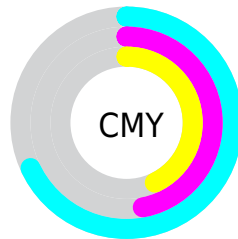
- Red (32%)
- Green (53%)
- Blue (57%)



- Red (32%)
- Yellow (43%)
- Blue (57%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (43%)





- Cyan (68%)
- Magenta (47%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 18.692, 215.961 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, 18.692, 215.961 by changing the saturation by 10% instead.


 53, 18.692,
215.961


 53, 18.692,
215.961


 100, 18.692,
215.961


 43, 18.692,
215.961


 73, 18.692,
215.961

 33, 18.692,
215.961

 83, 18.692,
215.961

 23, 18.692,
215.961

 93, 18.692,
215.961

 13, 18.692,
215.961

 3, 18.692, 215.961

 0, 18.692, 215.961

■ 53, 18.692,
215.961

■ 53, 18.692,
215.961

■ 52, 21.769,
216.811

■ 54, 15.108,
215.356

■ 50, 24.281,
217.966

■ 56, 11.089,
214.957

■ 49, 26.191,
219.486

■ 58, 6.708, 214.733

■ 48, 27.495,
221.433

■ 59, 2.035, 214.759

■ 61, 2.866, 34.369

■ 47, 28.243,
223.857

■ 63, 7.940, 34.518

■ 47, 28.577,
225.356

■ 65, 13.141, 34.649

■ 67, 18.430, 34.812

■ 69, 23.776, 35.003

Harmonies

Complementary

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



53, 18.692, 215.961



44, 25.803, 35.635

Rectangle

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



53, 18.692, 215.961



53, 18.692, 265.961



53, 18.692, 35.961



53, 18.692, 85.961

Sweetspot

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



53, 18.692, 215.958



74, 7.642, 214.722



55, 39.782, 145.300



38, 5.301, 214.749



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 18.692, 215.958



66, 26.434, 216.802



44, 25.663, 277.246



29, 2.672, 214.692



44, 27.185, 225.149



1, 1.847, 214.542

Inverse Universe

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



44, 39.580, 331.717



53, 57.775, 332.342



53, 26.090, 84.095



28, 5.035, 329.551



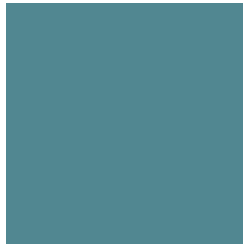
30, 64.013, 335.388



1, 3.380, 329.042

Previews

White Background



This preview shows how the CIELCh color 53, 18.692, 215.961 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, 18.692, 215.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

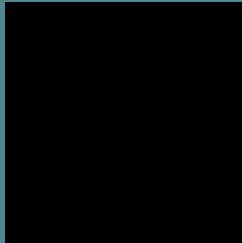
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

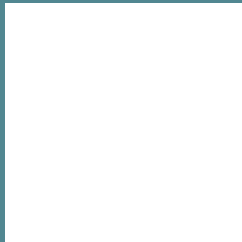
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 18.692, 215.961

Background



This preview shows how black text looks on a background with the CIELCh color 53, 18.692, 215.961.



This preview shows how white text looks on a background with the CIELCh color 53, 18.692, 215.961.

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, 18.692, 215.961

Protanopia

53, 8.114, 291.190

Deuteranopia

53, 14.083, 299.483



Tritanopia
53, 18.787, 217.768

Trichromacy



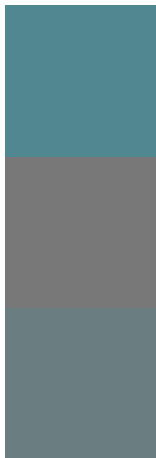
Original Color
53, 18.692, 215.961

Protanomaly
53, 9.931, 243.494

Deuteranomaly
53, 12.267, 263.425

Tritanomaly
53, 18.787, 217.768

Monochromacy



Original Color
53, 18.692, 215.961

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 7.503, 216.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 18.692, 215.961 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(81, 135, 145)` looks like.

```
.text, #text, p{  
    color:rgb(81, 135, 145)  
}
```

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(81, 135, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 135, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 18.692, 215.961 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(81, 135, 145) }
```

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

```
.border{ border-color:rgb(81, 135, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 135, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 135, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 135, 145);  
box-shadow:4px 4px 4px 4px rgb(81, 135,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 18.692, 215.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 135, 145) }
```

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

```
.background{ background-color: rgb(81, 135,  
145) }
```

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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