

Converting Colors

CIELCh(53, 20.121, 210.887)

Have a look what the booklet for
CIELCh(53, 20.121, 210.887)
contains.

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Color

CIELCh(53, 20.108, 211.011)

Conversions

Conversions Part 1

Format	Color
Hex	4C8890
RGB	76, 136, 144
RGB Percent	30%, 53%, 56%
CMY	0.7032, 0.4679, 0.4365
CMYK	0.47, 0.06, 0.00, 0.44
HSL	187°, 31%, 43%
HSV	187°, 47%, 56%
XYZ	16.7240, 21.0462, 29.4388
YIQ	118.9720, -38.3280, -10.2320

Conversions

Conversions Part 2

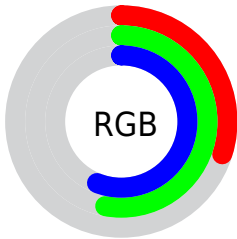
Format	Color
R_{YB}	76, 108, 144
Decimal	5015696
CIE _{Lab}	53.00, -17.23, -10.36
CIE _{LCh}	53, 20.108, 211.011
Yxy	21.0462, 0.2488, 0.3131
Android (android.graphics.Color)	4283205776 (0xFF4C8890)
YUV	118.9720, 12.3388, -37.6864
Hunter-Lab	45.8761, -15.2117, -5.9332

Details

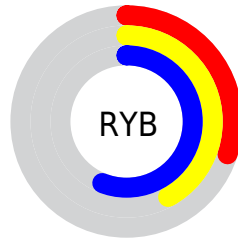
The CIELCh color **53, 20.108, 211.011** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **42, 28.558, 32.704**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 20.098, 212.163**, and **33, 20.043, 211.673** is the 20% darker color. If you saturate the color by 10%, you get **52, 23.044, 211.597**, and if you desaturate by 10%, it is **54, 16.623, 210.627**.

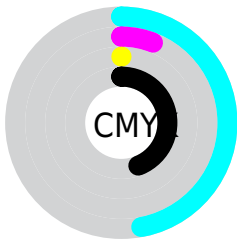
Distribution



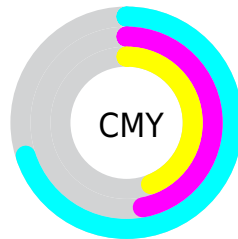
- Red (30%)
- Green (53%)
- Blue (56%)



- Red (30%)
- Yellow (42%)
- Blue (56%)



- Cyan (47%)
- Magenta (6%)
- Yellow (0%)
- Black (44%)





- Cyan (70%)
- Magenta (47%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 20.108, 211.011 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, 20.108, 211.011 by changing the saturation by 10% instead.


 53, 20.108,
211.011


 53, 20.108,
211.011


 100, 20.108,
211.011


 43, 20.108,
211.011


 73, 20.108,
211.011

 33, 20.108,
211.011

 83, 20.108,
211.011

 23, 20.108,
211.011

 93, 20.108,
211.011

 13, 20.108,
211.011

 3, 20.108, 211.011

 0, 20.108, 211.011

■ 53, 20.108,
211.011

■ 53, 20.108,
211.011

■ 52, 23.044,
211.597

■ 54, 16.623,
210.627

■ 51, 25.376,
212.433

■ 56, 12.660,
210.416

■ 50, 27.073,
213.561

■ 57, 8.295, 210.352

■ 49, 28.142,
215.024

■ 58, 3.605, 210.447

■ 49, 28.688,
216.819

■ 60, 1.342, 30.114

■ 48, 28.815,
217.307

■ 62, 6.484, 30.549

■ 64, 11.769, 30.808

■ 65, 17.154, 31.086

■ 67, 22.602, 31.385

Harmonies

Complementary

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



53, 20.108, 211.011



42, 28.558, 32.704

Rectangle

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



53, 20.108, 211.011



53, 20.108, 261.011



53, 20.108, 31.011



53, 20.108, 81.011

Sweetspot

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



53, 20.108, 211.009



73, 8.351, 210.360



54, 43.192, 143.957



38, 5.778, 210.354



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, 20.108, 211.009



66, 28.157, 211.658



43, 26.172, 275.257



29, 2.750, 210.411



46, 27.572, 217.174



1, 1.902, 210.418

Inverse Universe

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



42, 43.017, 330.542



51, 62.367, 331.160



51, 27.224, 80.773



28, 5.173, 328.305



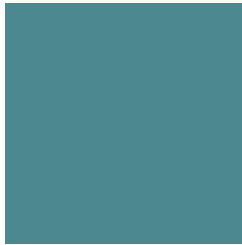
31, 65.907, 333.393



1, 3.474, 327.809

Previews

White Background



This preview shows how the CIE LCh color 53, 20.108, 211.011 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, 20.108, 211.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

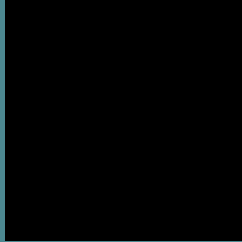
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 20.108, 211.011

Background



This preview shows how black text looks on a background with the CIELCh color 53, 20.108, 211.011.

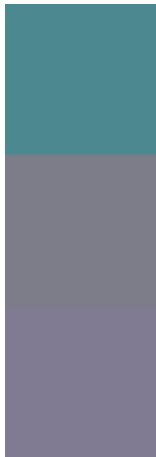


This preview shows how white text looks on a background with the CIELCh color 53, 20.108, 211.011.

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, 20.108, 211.011

Protanopia
53, 6.956, 291.049

Deuteranopia
53, 13.509, 299.766



Tritanopia
53, 20.029, 216.379

Trichromacy



Original Color
53, 20.108, 211.011

Protanomaly
53, 9.784, 235.251

Deuteranomaly
53, 11.808, 255.871

Tritanomaly
53, 19.953, 214.669

Monochromacy



Original Color
53, 20.108, 211.011

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 8.438, 210.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 20.108, 211.011 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(76, 136, 144)` looks like.

```
.text, #text, p{  
    color:rgb(76, 136, 144)  
}
```

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(76, 136, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 136, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 20.108, 211.011 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(76, 136, 144) }
```

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

```
.border{ border-color:rgb(76, 136, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 136, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 136, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 136, 144);  
box-shadow:4px 4px 4px 4px rgb(76, 136,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 20.108, 211.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 136, 144) }
```

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

```
.background{ background-color: rgb(76, 136,  
144) }
```

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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