

Converting Colors

CIELCh(53, 30.469, 203.627)

Have a look what the booklet for
CIELCh(53, 30.469, 203.627)
contains.

CIELCh(53, 30.369, 204.395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 30.369, 204.395)

Conversions

Conversions Part 1

Format	Color
Hex	128C93
RGB	18, 140, 147
RGB Percent	7%, 55%, 58%
CMY	0.9314, 0.4502, 0.4228
CMYK	0.88, 0.05, 0.00, 0.42
HSL	183°, 79%, 32%
HSV	183°, 88%, 58%
XYZ	14.9260, 21.0462, 30.9552
YIQ	104.3200, -74.9590, -23.6870

Conversions

Conversions Part 2

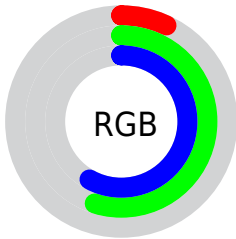
Format	Color
R_{YB}	18, 81, 147
Decimal	1215635
CIE _{Lab}	53.00, -27.66, -12.54
CIE _{LCh}	53, 30.369, 204.395
Yxy	21.0462, 0.2230, 0.3145
Android (android.graphics.Color)	4279405715 (0xFF128C93)
YUV	104.3200, 21.0412, -75.7026
Hunter-Lab	45.8761, -22.2076, -7.8930

Details

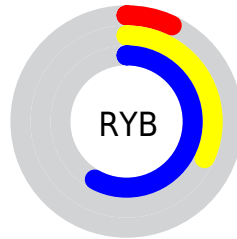
The CIELCh color **53, 30.369, 204.395** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **32, 61.484, 37.336**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 30.299, 204.489**, and **34, 22.463, 208.059** is the 20% darker color. If you saturate the color by 10%, you get **53, 30.926, 205.089**, and if you desaturate by 10%, it is **53, 29.268, 203.852**.

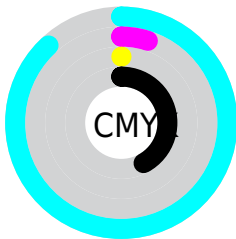
Distribution



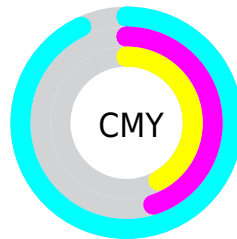
- Red (7%)
- Green (55%)
- Blue (58%)



- Red (7%)
- Yellow (32%)
- Blue (58%)



- Cyan (88%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)





- Cyan (93%)
- Magenta (45%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 30.369, 204.395 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, 30.369, 204.395 by changing the saturation by 10% instead.


 53, 30.369,
204.395


 53, 30.369,
204.395


 100, 30.369,
204.395


 43, 30.369,
204.395


 73, 30.369,
204.395

 33, 30.369,
204.395

 83, 30.369,
204.395

 23, 30.369,
204.395

 93, 30.369,
204.395

 13, 30.369,
204.395

 3, 30.369, 204.395

 0, 30.369, 204.395

■ 53, 30.369,
204.395

■ 53, 30.369,
204.395

■ 53, 30.926,
205.089

■ 53, 29.268,
203.852

■ 53, 31.019,
205.223

■ 54, 27.497,
203.479

■ 55, 25.045,
203.262

■ 56, 21.939,
203.183

■ 56, 18.234,
203.226

■ 57, 14.003,
203.375

■ 59, 9.328, 203.618

■ 60, 4.293, 203.972

Harmonies

Complementary

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



53, 30.369, 204.395



32, 61.484, 37.336

Rectangle

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



53, 30.369, 204.395



53, 30.369, 254.395



53, 30.369, 24.395



53, 30.369, 74.395

Sweetspot

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



53, 30.368, 204.394



73, 16.129, 203.407



53, 74.803, 137.394



38, 10.894, 203.345



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



53, 30.368, 204.394



67, 37.586, 205.419



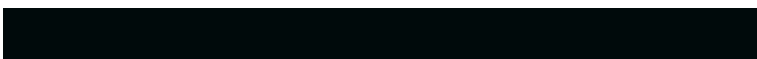
33, 45.451, 282.985



31, 2.995, 203.924



49, 29.561, 205.166



2, 2.682, 204.170

Inverse Universe

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



35, 71.136, 330.124



45, 89.217, 330.507



43, 50.585, 68.200



29, 5.567, 326.399



32, 70.130, 330.445



1, 4.841, 325.918

Previews

White Background



This preview shows how the CIE LCh color 53, 30.369, 204.395 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, 30.369, 204.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

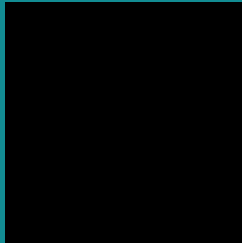
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 30.369, 204.395

Background



This preview shows how black text looks on a background with the CIELCh color 53, 30.369, 204.395.

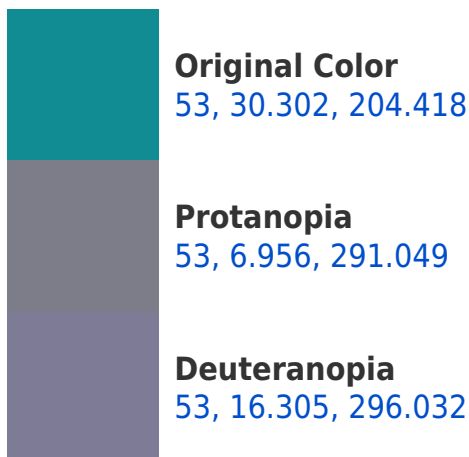


This preview shows how white text looks on a background with the CIELCh color 53, 30.369, 204.395.

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





Tritanopia
53, 29.713, 209.289

Trichromacy



Original Color
53, 30.302, 204.418



Protanomaly
52, 16.302, 219.034



Deuteranomaly
52, 18.123, 241.052



Tritanomaly
53, 29.905, 208.025

Monochromacy



Original Color
53, 30.302, 204.418



Achromatopsia
44, 0.006, 296.813



Achromatomaly
46, 15.684, 204.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 30.369, 204.395 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(18, 140, 147)` looks like.

```
.text, #text, p{  
    color:rgb(18, 140, 147)  
}
```

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(18, 140, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 140, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 30.369, 204.395 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(18, 140, 147) }
```

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

```
.border{ border-color:rgb(18, 140, 147) }
```

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

Here you see how a box with a 4 pixel rgb(18, 140, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 140, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 140, 147);  
box-shadow:4px 4px 4px 4px rgb(18, 140,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 30.369, 204.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 140, 147) }
```

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

```
.background{ background-color: rgb(18, 140,  
147) }
```

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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