

Converting Colors

CIELCh(53, 30.134, 196.560)

Have a look what the booklet for
CIELCh(53, 30.134, 196.560)
contains.

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Color

CIELCh(53, 30.026, 196.570)

Conversions

Conversions Part 1

Format	Color
Hex	1F8C8C
RGB	31, 140, 140
RGB Percent	12%, 55%, 55%
CMY	0.8800, 0.4496, 0.4496
CMYK	0.78, 0.00, 0.00, 0.45
HSL	180°, 64%, 34%
HSV	180°, 78%, 55%
XYZ	14.7406, 21.0462, 28.2288
YIQ	107.4090, -64.9640, -23.1080

Conversions

Conversions Part 2

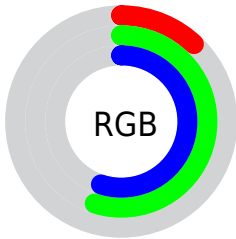
Format	Color
R_{YB}	31, 86, 140
Decimal	2067596
CIE _{Lab}	53.00, -28.78, -8.56
CIE _{LCh}	53, 30.026, 196.570
Yxy	21.0462, 0.2303, 0.3288
Android (android.graphics.Color)	4280257676 (0xFF1F8C8C)
YUV	107.4090, 16.0674, -67.0107
Hunter-Lab	45.8761, -22.9289, -4.3694

Details

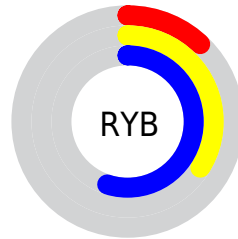
The CIELCh color **53, 30.026, 196.570** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **31, 53.676, 32.454**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 29.853, 196.110**, and **34, 23.091, 198.000** is the 20% darker color. If you saturate the color by 10%, you get **53, 31.275, 196.456**, and if you desaturate by 10%, it is **53, 28.130, 196.740**.

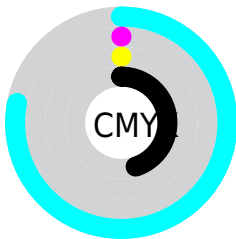
Distribution



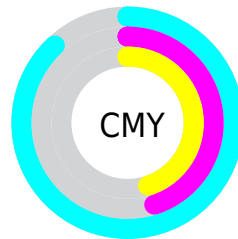
- Red (12%)
- Green (55%)
- Blue (55%)



- Red (12%)
- Yellow (34%)
- Blue (55%)



- Cyan (78%)
- Magenta (0%)
- Yellow (0%)
- Black (45%)





- Cyan (88%)
- Magenta (45%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 30.026, 196.570 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, 30.026, 196.570 by changing the saturation by 10% instead.


 53, 30.026,
196.570


 53, 30.026,
196.570


 100, 30.026,
196.570


 43, 30.026,
196.570


 73, 30.026,
196.570

 33, 30.026,
196.570

 83, 30.026,
196.570

 23, 30.026,
196.570

 93, 30.026,
196.570

 13, 30.026,
196.570

 3, 30.026, 196.570

 0, 30.026, 196.570

■ 53, 30.026,
196.570

■ 53, 30.026,
196.570

■ 53, 31.275,
196.456

■ 53, 28.130,
196.740

■ 53, 32.014,
196.390

■ 54, 25.573,
196.974

■ 53, 32.137,
196.379

■ 54, 22.375,
197.270

■ 55, 18.586,
197.627

■ 56, 14.273,
198.041

■ 56, 9.518, 198.512

■ 57, 4.403, 199.063

■ 59, 0.991, 19.071



Harmonies

Complementary

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



53, 30.026, 196.570



31, 53.676, 32.454

Rectangle

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



53, 30.026, 196.570



53, 30.026, 246.570



53, 30.026, 16.570



53, 30.026, 66.570

Sweetspot

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



53, 30.026, 196.569



72, 14.733, 198.255



51, 68.796, 137.310



37, 10.051, 198.107



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 30.026, 196.569



68, 38.798, 196.405



36, 34.661, 271.991



30, 3.069, 199.001



51, 31.269, 196.379



2, 2.121, 199.418

Inverse Universe

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



31, 53.676, 32.454



39, 78.376, 38.322



41, 43.768, 64.075



28, 3.246, 19.884



27, 64.130, 38.797



0, 2.121, 19.401

Previews

White Background



This preview shows how the CIE LCh color 53, 30.026, 196.570 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, 30.026, 196.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

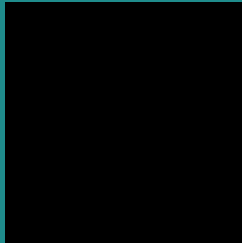
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 30.026, 196.570

Background



This preview shows how black text looks on a background with the CIELCh color 53, 30.026, 196.570.

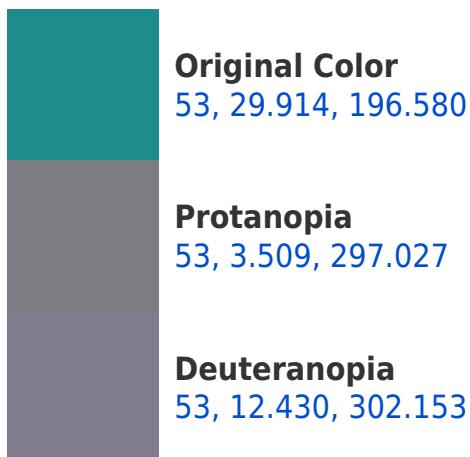



This preview shows how white text looks on a background with the CIELCh color 53, 30.026, 196.570.

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, 27.858, 210.297

Trichromacy



Original Color
53, 29.914, 196.580

Protanomaly
52, 14.381, 205.013

Deuteranomaly
52, 14.667, 232.287

Tritanomaly
53, 28.390, 205.106

Monochromacy



Original Color
53, 29.914, 196.580

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 14.584, 197.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 30.026, 196.570 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(31, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(31, 140, 140)  
}
```

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(31, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 140, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 30.026, 196.570 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(31, 140, 140) }
```

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

```
.border{ border-color:rgb(31, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(31, 140,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 30.026, 196.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 140, 140) }
```

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

```
.background{ background-color: rgb(31, 140,  
140) }
```

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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