

Converting Colors

CIELCh(53, 32.502, 193.987)

Have a look what the booklet for
CIELCh(53, 32.502, 193.987)
contains.

CIELCh(53, 32.384, 194.283)	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, 32.384, 194.283)

Conversions

Conversions Part 1

Format	Color
Hex	058D8B
RGB	5, 141, 139
RGB Percent	2%, 55%, 55%
CMY	0.9800, 0.4458, 0.4537
CMYK	0.96, 0.00, 0.01, 0.45
HSL	179°, 93%, 29%
HSV	179°, 96%, 55%
XYZ	14.3161, 21.0462, 27.8497
YIQ	100.1080, -80.4140, -29.4540

Conversions

Conversions Part 2

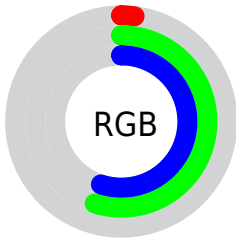
Format	Color
RYB	5, 74, 141
Decimal	363915
CIELab	53.00, -31.38, -7.99
CIELCh	53, 32.384, 194.283
Yxy	21.0462, 0.2265, 0.3329
Android (android.graphics.Color)	4278553995 (0xFF058D8B)
YUV	100.1080, 19.1738, -83.4097
Hunter-Lab	45.8761, -24.5806, -3.8794

Details

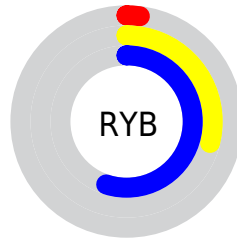
The CIELCh color **53, 32.384, 194.283** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29, 64.323, 37.682**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 32.254, 194.060**, and **34, 23.612, 194.811** is the 20% darker color. If you saturate the color by 10%, you get **53, 32.644, 194.197**, and if you desaturate by 10%, it is **53, 31.544, 194.525**.

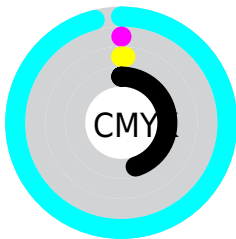
Distribution



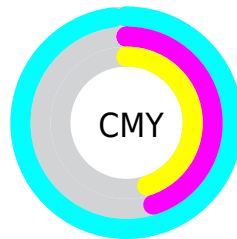
- Red (2%)
- Green (55%)
- Blue (55%)



- Red (2%)
- Yellow (29%)
- Blue (55%)



- Cyan (96%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)





- Cyan (98%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 32.384, 194.283 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, 32.384, 194.283 by changing the saturation by 10% instead.


 53, 32.384,
194.283


 53, 32.384,
194.283


 100, 32.384,
194.283


 43, 32.384,
194.283


 73, 32.384,
194.283

 33, 32.384,
194.283

 83, 32.384,
194.283

 23, 32.384,
194.283

 93, 32.384,
194.283

 13, 32.384,
194.283

 3, 32.384, 194.283

 0, 32.384, 194.283

■ 53, 32.384,
194.283

■ 53, 32.384,
194.283

■ 53, 32.644,
194.197

■ 53, 31.544,
194.525

■ 53, 30.130,
194.797

■ 54, 28.059,
195.106

■ 54, 25.326,
195.457

■ 55, 21.957,
195.852

■ 55, 18.011,
196.294

■ 56, 13.559,
196.780

■ 57, 8.684, 197.314

Harmonies

Complementary

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



53, 32.384, 194.283



29, 64.323, 37.682

Rectangle

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



53, 32.384, 194.283



53, 32.384, 244.283



53, 32.384, 14.283



53, 32.384, 64.283

Sweetspot

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



53, 32.384, 194.282



71, 18.239, 196.619



51, 76.119, 136.119



37, 12.297, 196.436



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, 32.384, 194.282



68, 39.589, 194.151



32, 42.496, 279.815



30, 3.073, 197.743



51, 31.603, 194.206



2, 2.122, 198.195

Inverse Universe

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



29, 64.323, 37.682



38, 81.027, 39.390



38, 53.256, 60.697



28, 3.245, 18.694



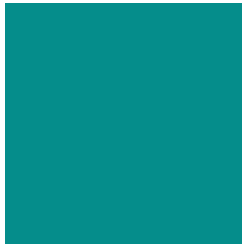
27, 63.659, 38.218



0, 2.122, 18.178

Previews

White Background



This preview shows how the CIELCh color 53, 32.384, 194.283 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, 32.384, 194.283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

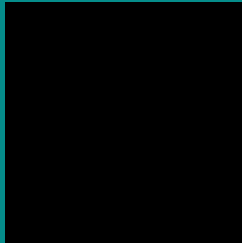
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 32.384, 194.283

Background



This preview shows how black text looks on a background with the CIELCh color 53, 32.384, 194.283.



This preview shows how white text looks on a background with the CIELCh color 53, 32.384, 194.283.

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, 29.276, 209.515

Trichromacy



Original Color
53, 32.335, 194.285



Protanomaly
52, 16.849, 201.731



Deuteranomaly
52, 16.595, 223.102



Tritanomaly
53, 30.160, 204.467

Monochromacy



Original Color
53, 32.335, 194.285



Achromatopsia
42, 0.006, 296.813



Achromatomaly
45, 17.723, 195.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 32.384, 194.283 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(5, 141, 139)` looks like.

```
.text, #text, p{  
    color:rgb(5, 141, 139)  
}
```

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(5, 141, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 141, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 32.384, 194.283 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(5, 141, 139) }
```

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

```
.border{ border-color:rgb(5, 141, 139) }
```

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

Here you see how a box with a 4 pixel rgb(5, 141, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 141, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 141, 139);  
box-shadow:4px 4px 4px 4px rgb(5, 141,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 32.384, 194.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 141, 139) }
```

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

```
.background{ background-color: rgb(5, 141,  
139) }
```

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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