Converting Colors

CIELCh(60, 32.567, 194.630)

Have a look what the booklet for CIELCh(60, 32.567, 194.630) contains.

Color

CIELCh(60, 32.543, 194.589)

Conversions

Conversions Part 1

Format	Color
Hex	2BA09E
RGB	43, 160, 158
RGB Percent	17%, 63%, 62%
CMY	0.8313, 0.3725, 0.3804
CMYK	0.73, 0.00, 0.01, 0.37
HSL	179°, 58%, 40%
HSV	179°, 73%, 63%
XYZ	19.7383, 28.1233, 36.7352
YIQ	124.7890, -69.0900, -25.4260

Conversions

Conversions Part 2

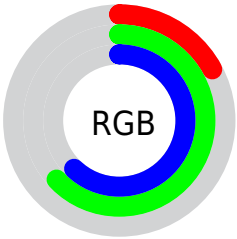
Format	Color
RYB	43, 102, 160
Decimal	2859166
CIELab	60.00, -31.49, -8.20
CIELCh	60, 32.543, 194.589
Yxy	28.1233, 0.2333, 0.3324
Android (android.graphics.Color)	4281049246 (0xFF2BA09E)
YUV	124.7890, 16.3730, -71.7290
Hunter-Lab	53.0314, -26.3672, -3.9486

Details

The CIELCh color 60, 32.543, 194.589 is a dark color, and the websafe version is hex 009999. A complement of this color would be 37, 55.217, 29.930, and the grayscale version is 52, 0.007, 296.813.

A 20% lighter version of the original color is 80, 32.390, 195.243, and 41, 26.797, 195.042 is the 20% darker color. If you saturate the color by 10%, you get 60, 34.291, 194.282, and if you desaturate by 10%, it is 60, 30.054, 194.929.

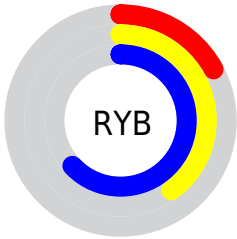
Distribution



Red (17%)

Green (63%)

Blue (62%)



Red (17%)

Yellow (40%)

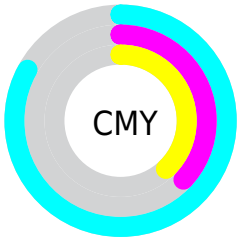
Blue (63%)

Cyan (73%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (83%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 32.543, 194.589 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 60, 32.543, 194.589 by changing the saturation by 10% instead.

60, 32.543, 194.589

100, 32.543, 194.589

80, 32.543, 194.589

90, 32.543, 194.589

60, 32.543, 194.589

50, 32.543, 194.589

40, 32.543, 194.589

30, 32.543, 194.589

20, 32.543, 194.589

10, 32.543, 194.589

0, 32.543, 194.589

60, 32.543,

60, 32.543,

194.589

60, 34.291, 194.282

60, 35.342, 194.004

60, 35.821, 193.822

194.589

60, 30.054, 194.929

61, 26.829, 195.312

62, 22.909, 195.738

62, 18.365, 196.209

63, 13.283, 196.723

64, 7.760, 197.288

65, 1.888, 198.045

67, 4.245, 18.283

68, 10.561, 18.961

Harmonies

Complementary

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

60, 32.543, 194.589

37, 55.217, 29.930

Rectangle

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

60, 32.543, 194.589

60, 32.543, 244.589

60, 32.543, 14.589

60, 32.543, 64.589

Sweetspot

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

60, 32.543, 194.588

81, 15.753, 196.761

58, 72.773, 137.480

42, 10.477, 196.626

92, 0.011, 296.813

44, 0.006, 296.813

Same Dimension

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

60, 32.543, 194.588

76, 42.766, 194.096

43, 35.294, 268.380

33, 3.344, 197.531

53, 32.955, 193.847

3, 4.477, 197.649

Inverse Universe

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

37, 55.217, 29.930

45, 82.021, 35.924

47, 45.439, 63.153

31, 3.534, 18.513

29, 66.504, 38.483

1, 4.475, 18.054

Previews

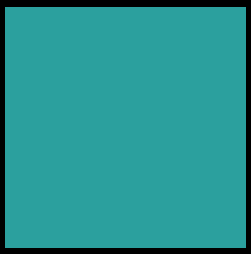
White Background

This preview shows how the CIELCh color 60, 32.543, 194.589 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



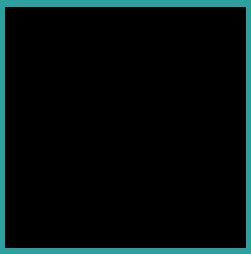
This preview shows how the CIELCh color 60, 32.543, 194.589 looks on a black background.

Color Contrast Check

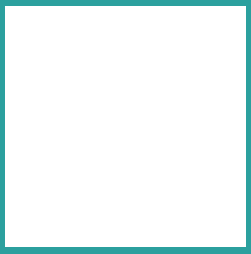
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 60, 32.543, 194.589 Background



This preview shows how black text looks on a background with the CIELCh color 60, 32.543, 194.589.



This preview shows how white text looks on a background with the CIELCh color 60, 32.543, 194.589.

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

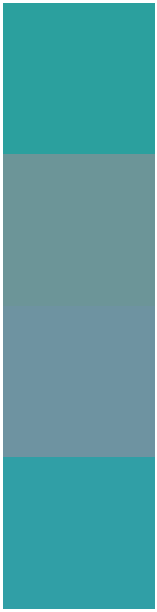
Original Color
60, 32.543, 194.589

Protanopia
60, 2.945, 305.639

Deuteranopia
60, 12.954, 306.506

Tritanopia
60, 29.868, 211.411

Trichromacy



Original Color
60, 32.543, 194.589

Protanomaly
59, 14.558, 204.868

Deuteranomaly
59, 14.780, 231.139

Tritanomaly
60, 30.669, 204.334

Monochromacy

Original Color
60, 32.543, 194.589

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 15.473, 195.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 32.543, 194.589 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(43, 160, 158) looks like.

```
.text, #text, p{
    color:rgb(43, 160, 158)
}
```

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(43, 160, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 160, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 32.543, 194.589 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(43, 160, 158) }
```

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

```
.border{ border-color:rgb(43, 160, 158) }
```

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

Here you see how a box with a 4 pixel rgb(43, 160, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(43, 160, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(43, 160, 158); box-shadow:4px 4px 4px 4px rgb(43, 160, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 32.543, 194.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(43, 160, 158) }
```

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

```
.background{ background-color:rgb(43, 160,
158) }
```

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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