

Converting Colors

CIELCh(53, 32.431, 194.185)

Have a look what the booklet for
CIELCh(53, 32.431, 194.185)
contains.

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Color

CIELCh(53, 32.335, 194.285)

Conversions

Conversions Part 1

Format	Color
Hex	068D8B
RGB	6, 141, 139
RGB Percent	2%, 55%, 55%
CMY	0.9763, 0.4459, 0.4538
CMYK	0.96, 0.00, 0.01, 0.45
HSL	179°, 92%, 29%
HSV	179°, 96%, 55%
XYZ	14.3238, 21.0462, 27.8424
YIQ	100.4070, -79.8180, -29.2420

Conversions

Conversions Part 2

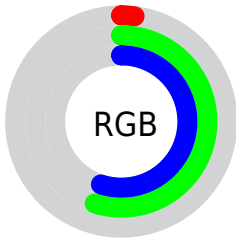
Format	Color
RYB	6, 74, 141
Decimal	429451
CIELab	53.00, -31.34, -7.98
CIElCh	53, 32.335, 194.285
Yxy	21.0462, 0.2266, 0.3329
Android (android.graphics.Color)	4278619531 (0xFF068D8B)
YUV	100.4070, 19.0263, -82.7949
Hunter-Lab	45.8761, -24.5506, -3.8701

Details

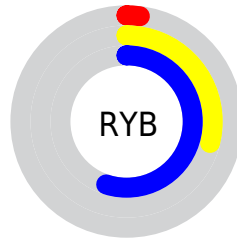
The CIELCh color **53, 32.335, 194.285** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29, 64.002, 37.518**, and the grayscale version is **43, 0.006, 296.813**.

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, 194.183**, and if you desaturate by 10%, it is **53, 31.468, 194.530**.

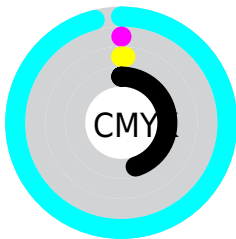
Distribution



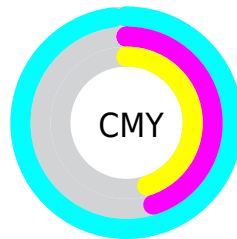
- Red (2%)
- Green (55%)
- Blue (55%)



- 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, 32.335, 194.285 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, 32.335, 194.285 by changing the saturation by 10% instead.


 53, 32.335,
194.285


 53, 32.335,
194.285


 100, 32.335,
194.285


 43, 32.335,
194.285


 73, 32.335,
194.285

 33, 32.335,
194.285

 83, 32.335,
194.285

 23, 32.335,
194.285

 93, 32.335,
194.285

 13, 32.335,
194.285

 3, 32.335, 194.285

 0, 32.335, 194.285

■ 53, 32.335,
194.285

■ 53, 32.335,
194.285

■ 53, 32.644,
194.183

■ 53, 31.468,
194.530

■ 53, 30.011,
194.805

■ 54, 27.896,
195.117

■ 54, 25.119,
195.471

■ 55, 21.710,
195.871

■ 55, 17.727,
196.316

■ 56, 13.244,
196.806

■ 57, 8.345, 197.343

Harmonies

Complementary

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



53, 32.335, 194.285



29, 64.002, 37.518

Rectangle

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



53, 32.335, 194.285



53, 32.335, 244.285



53, 32.335, 14.285



53, 32.335, 64.285

Sweetspot

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



53, 32.335, 194.284



71, 18.240, 196.610



51, 75.935, 136.155



37, 12.297, 196.427



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, 32.335, 194.284



68, 39.592, 194.137



32, 42.202, 279.531



30, 3.073, 197.735



51, 31.605, 194.192



2, 2.122, 198.187

Inverse Universe

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



29, 64.002, 37.518



38, 81.023, 39.386



38, 52.937, 60.822



28, 3.245, 18.686



27, 63.656, 38.214



0, 2.122, 18.170

Previews

White Background



This preview shows how the CIE LCh color 53, 32.335, 194.285 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, 32.335, 194.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

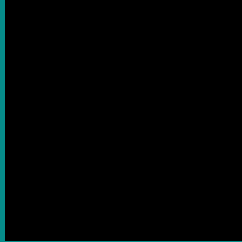
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 32.335, 194.285

Background



This preview shows how black text looks on a background with the CIELCh color 53, 32.335, 194.285.



This preview shows how white text looks on a background with the CIELCh color 53, 32.335, 194.285.

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, 32.286, 194.286

Protanopia

53, 3.017, 305.662

Deuteranopia

53, 11.943, 304.423



Tritanopia
53, 29.276, 209.515

Trichromacy



Original Color
53, 32.286, 194.286



Protanomaly
52, 16.849, 201.731



Deuteranomaly
52, 16.595, 223.102



Tritanomaly
53, 30.160, 204.467

Monochromacy



Original Color
53, 32.286, 194.286



Achromatopsia
43, 0.006, 296.813



Achromatomaly
45, 17.721, 195.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 32.335, 194.285 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(6, 141, 139)` looks like.

```
.text, #text, p{  
    color:rgb(6, 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(6, 141, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 141, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 32.335, 194.285 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(6, 141, 139) }
```

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

```
.border{ border-color:rgb(6, 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(6, 141, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 141, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 141, 139);  
box-shadow:4px 4px 4px 4px rgb(6, 141,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 32.335, 194.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 141, 139) }
```

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

```
.background{ background-color: rgb(6, 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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