

Converting Colors

CIELCh(53, 32.189, 194.288)

Have a look what the booklet for
CIELCh(53, 32.189, 194.288)
contains.

CIELCh(53, 32.141, 194.290)	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, 32.141, 194.290)

Conversions

Conversions Part 1

Format	Color
Hex	0A8D8B
RGB	10, 141, 139
RGB Percent	4%, 55%, 55%
CMY	0.9616, 0.4462, 0.4541
CMYK	0.93, 0.00, 0.01, 0.45
HSL	179°, 87%, 30%
HSV	179°, 93%, 55%
XYZ	14.3543, 21.0462, 27.8127
YIQ	101.6030, -77.4340, -28.3940

Conversions

Conversions Part 2

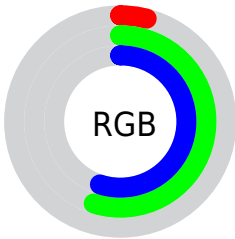
Format	Color
RYB	10, 76, 141
Decimal	691595
CIELab	53.00, -31.15, -7.93
CIELCh	53, 32.141, 194.290
Yxy	21.0462, 0.2271, 0.3329
Android (android.graphics.Color)	4278881675 (0xFF0A8D8B)
YUV	101.6030, 18.4367, -80.3358
Hunter-Lab	45.8761, -24.4319, -3.8317

Details

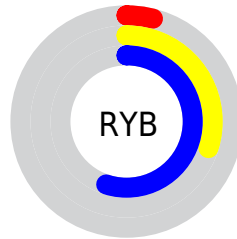
The CIELCh color **53, 32.141, 194.290** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29, 62.711, 36.814**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 32.049, 194.056**, and **34, 23.612, 194.811** is the 20% darker color. If you saturate the color by 10%, you get **53, 32.642, 194.121**, and if you desaturate by 10%, it is **53, 31.139, 194.546**.

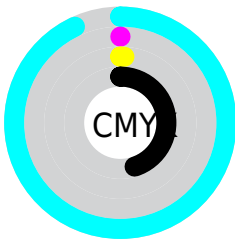
Distribution



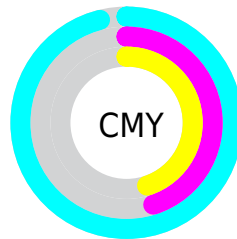
- Red (4%)
- Green (55%)
- Blue (55%)



- Red (4%)
- Yellow (30%)
- Blue (55%)



- Cyan (93%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)





- Cyan (96%)
- Magenta (45%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 32.141, 194.290 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, 32.141, 194.290 by changing the saturation by 10% instead.


 53, 32.141,
194.290


 53, 32.141,
194.290


 100, 32.141,
194.290


 43, 32.141,
194.290


 73, 32.141,
194.290

 33, 32.141,
194.290

 83, 32.141,
194.290

 23, 32.141,
194.290

 93, 32.141,
194.290

 13, 32.141,
194.290

 3, 32.141, 194.290

 0, 32.141, 194.290

■ 53, 32.141,
194.290

■ 53, 32.141,
194.290

■ 53, 32.642,
194.121

■ 53, 31.139,
194.546

■ 53, 29.510,
194.834

■ 54, 27.217,
195.160

■ 54, 24.268,
195.529

■ 55, 20.700,
195.943

■ 56, 16.578,
196.402

■ 56, 11.978,
196.905

■ 57, 6.984, 197.460

Harmonies

Complementary

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



53, 32.141, 194.290



29, 62.711, 36.814

Rectangle

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



53, 32.141, 194.290



53, 32.141, 244.290



53, 32.141, 14.290



53, 32.141, 64.290

Sweetspot

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



53, 32.141, 194.289



71, 17.677, 196.622



51, 75.206, 136.291



37, 11.991, 196.433



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, 32.141, 194.289



68, 39.605, 194.074



33, 41.049, 278.368



30, 3.073, 197.699



51, 31.616, 194.130



2, 2.122, 198.152

Inverse Universe

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



29, 62.711, 36.814



38, 81.004, 39.369



39, 51.727, 61.373



28, 3.245, 18.652



27, 63.642, 38.198



0, 2.122, 18.135

Previews

White Background



This preview shows how the CIELCh color 53, 32.141, 194.290 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, 32.141, 194.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

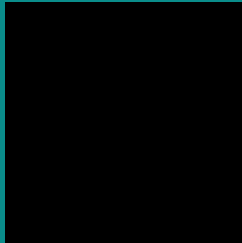
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 32.141, 194.290

Background



This preview shows how black text looks on a background with the CIELCh color 53, 32.141, 194.290.



This preview shows how white text looks on a background with the CIELCh color 53, 32.141, 194.290.

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, 32.092, 194.291

Protanopia

53, 2.463, 309.163

Deuteranopia

53, 11.943, 304.423



Tritanopia
53, 28.982, 210.890

Trichromacy



Original Color
53, 32.092, 194.291

Protanomaly
52, 16.552, 201.831

Deuteranomaly
52, 16.331, 223.556

Tritanomaly
53, 30.006, 204.520

Monochromacy



Original Color
53, 32.092, 194.291

Achromatopsia
43, 0.006, 296.813

Achromatomaly
46, 17.041, 197.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 32.141, 194.290 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(10, 141, 139)` looks like.

```
.text, #text, p{  
    color:rgb(10, 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(10, 141, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 141, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 32.141, 194.290 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(10, 141, 139) }
```

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

```
.border{ border-color:rgb(10, 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(10, 141, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 141, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 141, 139);  
box-shadow:4px 4px 4px 4px rgb(10, 141,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 32.141, 194.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 141, 139) }
```

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

```
.background{ background-color: rgb(10, 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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