

Converting Colors

CIELCh(54, 27.689, 196.812)

Have a look what the booklet for
CIELCh(54, 27.689, 196.812)
contains.

CIELCh(54, 27.755, 196.802)	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(54, 27.755, 196.802)

Conversions

Conversions Part 1

Format	Color
Hex	318E8E
RGB	49, 142, 142
RGB Percent	19%, 56%, 56%
CMY	0.8075, 0.4429, 0.4429
CMYK	0.65, 0.00, 0.00, 0.44
HSL	180°, 49%, 37%
HSV	180°, 65%, 56%
XYZ	15.8400, 21.9746, 29.0224
YIQ	114.1930, -55.4280, -19.7160

Conversions

Conversions Part 2

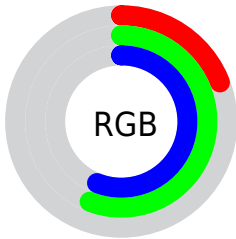
Format	Color
RYB	49, 96, 142
Decimal	3247758
CIELab	54.00, -26.57, -8.02
CIElCh	54, 27.755, 196.802
Yxy	21.9746, 0.2370, 0.3288
Android (android.graphics.Color)	4281437838 (0xFF318E8E)
YUV	114.1930, 13.7089, -57.1743
Hunter-Lab	46.8770, -21.7186, -3.8936

Details

The CIELCh color **54, 27.755, 196.802** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **34, 44.800, 28.478**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 27.661, 197.346**, and **35, 23.451, 197.969** is the 20% darker color. If you saturate the color by 10%, you get **54, 29.847, 196.613**, and if you desaturate by 10%, it is **54, 24.995, 197.051**.

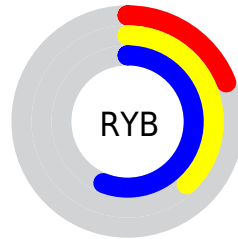
Distribution



Red (19%)

Green (56%)

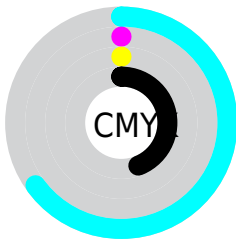
Blue (56%)



Red (19%)

Yellow (38%)

Blue (56%)

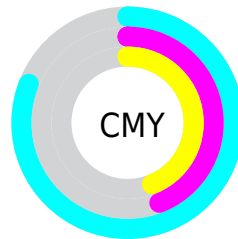


Cyan (65%)

Magenta (0%)

Yellow (0%)

Black (44%)



Cyan (81%)


Magenta (44%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 27.755, 196.802 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 54, 27.755, 196.802 by changing the saturation by 10% instead.


 54, 27.755,
196.802


 54, 27.755,
196.802


 100, 27.755,
196.802


 44, 27.755,
196.802


 74, 27.755,
196.802

 34, 27.755,
196.802

 84, 27.755,
196.802

 24, 27.755,
196.802

 94, 27.755,
196.802

 14, 27.755,
196.802

 4, 27.755, 196.802

 0, 27.755, 196.802

■ 54, 27.755,
196.802

■ 54, 27.755,
196.802

■ 54, 29.847,
196.613

■ 54, 24.995,
197.051

■ 53, 31.279,
196.485

■ 55, 21.599,
197.364

■ 53, 32.114,
196.411

■ 56, 17.621,
197.737

■ 53, 32.422,
196.384

■ 56, 13.136,
198.167

■ 57, 8.226, 198.655

■ 58, 2.975, 199.256

■ 60, 2.538, 19.486

■ 61, 8.241, 20.171

■ 62, 14.072, 20.780

Harmonies

Complementary

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



54, 27.755, 196.802



34, 44.800, 28.478

Rectangle

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



54, 27.755, 196.802



54, 27.755, 246.802



54, 27.755, 16.802



54, 27.755, 66.802

Sweetspot

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



54, 27.755, 196.801



72, 12.938, 198.405



52, 61.171, 138.561



37, 8.727, 198.286



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 27.755, 196.801



68, 37.043, 196.539



40, 29.676, 267.295



30, 3.069, 199.004



51, 31.268, 196.384



2, 2.121, 199.420

Inverse Universe

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



34, 44.800, 28.478



41, 67.541, 33.332



44, 36.443, 65.789



28, 3.246, 19.887



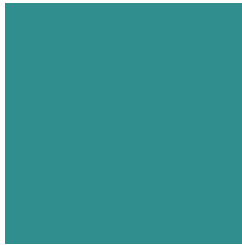
27, 64.131, 38.798



0, 2.121, 19.403

Previews

White Background



This preview shows how the CIE LCh color 54, 27.755, 196.802 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 54, 27.755, 196.802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

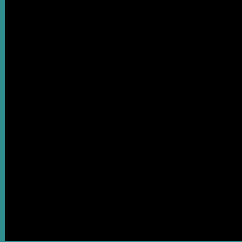
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 27.755, 196.802

Background



This preview shows how black text looks on a background with the CIELCh color 54, 27.755, 196.802.

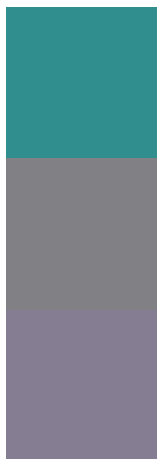


This preview shows how white text looks on a background with the CIELCh color 54, 27.755, 196.802.

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

54, 27.755, 196.802

Protanopia

54, 2.922, 298.238

Deuteranopia

54, 12.559, 305.549



Tritanopia
54, 25.988, 211.413

Trichromacy



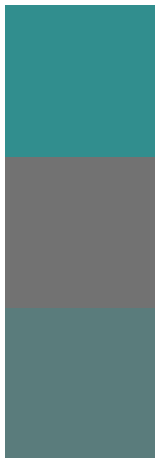
Original Color
54, 27.755, 196.802

Protanomaly
53, 12.109, 206.538

Deuteranomaly
53, 12.858, 237.892

Tritanomaly
54, 26.403, 205.904

Monochromacy



Original Color
54, 27.755, 196.802

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 12.590, 198.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 27.755, 196.802 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(49, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(49, 142, 142)  
}
```

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(49, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 142, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 27.755, 196.802 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(49, 142, 142) }
```

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

```
.border{ border-color:rgb(49, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(49, 142,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 27.755, 196.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 142, 142) }
```

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

```
.background{ background-color: rgb(49, 142,  
142) }
```

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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