

Converting Colors

CIELCh(54, 27.619, 186.389)

Have a look what the booklet for
CIELCh(54, 27.619, 186.389)
contains.

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Color

CIELCh(54, 27.431, 187.014)

Conversions

Conversions Part 1

Format	Color
Hex	3A8E86
RGB	58, 142, 134
RGB Percent	23%, 56%, 53%
CMY	0.7724, 0.4430, 0.4744
CMYK	0.59, 0.00, 0.06, 0.44
HSL	174°, 42%, 39%
HSV	174°, 59%, 56%
XYZ	15.7271, 21.9746, 25.9746
YIQ	115.9720, -47.4960, -20.2960

Conversions

Conversions Part 2

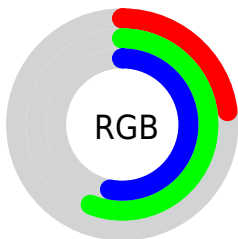
Format	Color
R_{YB}	58, 102, 142
Decimal	3837574
CIE _{Lab}	54.00, -27.23, -3.35
CIE _{LCh}	54, 27.431, 187.014
Y _{xy}	21.9746, 0.2470, 0.3451
Android (android.graphics.Color)	4282027654 (0xFF3A8E86)
YUV	115.9720, 8.8878, -50.8414
Hunter-Lab	46.8770, -22.1487, -0.0387

Details

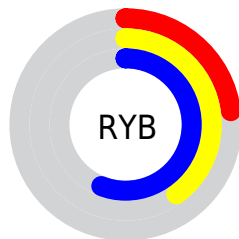
The CIELCh color `54, 27.431, 187.014` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `36, 38.703, 19.976`, and the grayscale version is `49, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 27.388, 186.999`, and `34, 24.896, 187.402` is the 20% darker color. If you saturate the color by 10%, you get `54, 30.320, 186.157`, and if you desaturate by 10%, it is `55, 23.918, 187.828`.

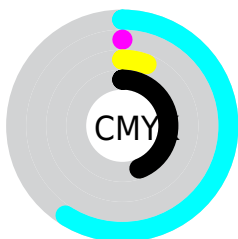
Distribution



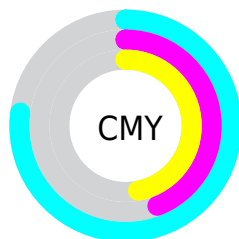
- Red (23%)
- Green (56%)
- Blue (53%)



- Red (23%)
- Yellow (40%)
- Blue (56%)



- Cyan (59%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)




- Cyan (77%)
- Magenta (44%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 27.431, 187.014 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, 27.431, 187.014 by changing the saturation by 10% instead.


 54, 27.431,
187.014

 54, 27.431,
187.014


 100, 27.431,
187.014


 44, 27.431,
187.014


 74, 27.431,
187.014

 34, 27.431,
187.014

 84, 27.431,
187.014

 24, 27.431,
187.014

 94, 27.431,
187.014

 14, 27.431,
187.014

 4, 27.431, 187.014

 0, 27.431, 187.014

■ 54, 27.431,
187.014

■ 54, 27.431,
187.014

■ 54, 30.320,
186.157

■ 55, 23.918,
187.828

■ 53, 32.554,
185.246

■ 55, 19.839,
188.616

■ 53, 34.142,
184.263

■ 56, 15.274,
189.389

■ 53, 35.247,
183.224

■ 57, 10.308,
190.155

■ 53, 35.339,
183.136

■ 58, 5.029, 190.941

■ 59, 0.482, 10.730

■ 60, 6.151, 12.258

■ 62, 11.917, 13.014

■ 63, 17.731, 13.739

Harmonies

Complementary

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



54, 27.431, 187.014



36, 38.703, 19.976

Rectangle

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



54, 27.431, 187.014



54, 27.431, 237.014



54, 27.431, 7.014



54, 27.431, 57.014

Sweetspot

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



54, 27.431, 187.012



72, 11.974, 190.214



53, 55.051, 137.630



37, 8.239, 190.015



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, 27.431, 187.012



68, 37.614, 185.860



44, 24.427, 254.656



30, 3.119, 190.938



50, 34.072, 183.191



2, 2.145, 191.548

Inverse Universe

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



36, 38.703, 19.976



43, 57.737, 24.026



44, 32.481, 58.405



28, 3.267, 12.191



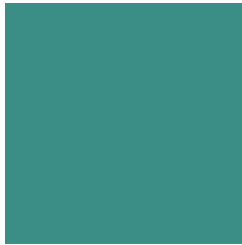
27, 61.145, 34.816



0, 2.145, 11.531

Previews

White Background



This preview shows how the CIELCh color 54, 27.431, 187.014 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, 27.431, 187.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

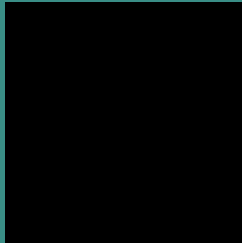
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 27.431, 187.014

Background



This preview shows how black text looks on a background with the CIELCh color 54, 27.431, 187.014.



This preview shows how white text looks on a background with the CIELCh color 54, 27.431, 187.014.

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, 27.431, 187.014

Protanopia
54, 1.652, 63.327

Deuteranopia
54, 8.688, 320.572



Tritanopia
54, 23.685, 213.034

Trichromacy



Original Color
54, 27.431, 187.014

Protanomaly
53, 11.244, 186.363

Deuteranomaly
53, 9.105, 221.151

Tritanomaly
54, 24.653, 202.543

Monochromacy



Original Color
54, 27.431, 187.014

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 11.396, 192.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 27.431, 187.014 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(58, 142, 134)` looks like.

```
.text, #text, p{  
    color:rgb(58, 142, 134)  
}
```

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(58, 142, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 142, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 27.431, 187.014 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(58, 142, 134) }
```

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

```
.border{ border-color:rgb(58, 142, 134) }
```

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

Here you see how a box with a 4 pixel rgb(58, 142, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 142, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 142, 134);  
box-shadow:4px 4px 4px 4px rgb(58, 142,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 27.431, 187.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 142, 134) }
```

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

```
.background{ background-color: rgb(58, 142,  
134) }
```

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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