

Converting Colors

CIELCh(54, 29.862, 196.616)

Have a look what the booklet for
CIELCh(54, 29.862, 196.616)
contains.

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Color

CIELCh(54, 29.887, 196.624)

Conversions

Conversions Part 1

Format	Color
Hex	248F8F
RGB	36, 143, 143
RGB Percent	14%, 56%, 56%
CMY	0.8593, 0.4395, 0.4395
CMYK	0.75, 0.00, 0.00, 0.44
HSL	180°, 60%, 35%
HSV	180°, 75%, 56%
XYZ	15.4856, 21.9746, 29.3806
YIQ	111.0070, -63.7720, -22.6840

Conversions

Conversions Part 2

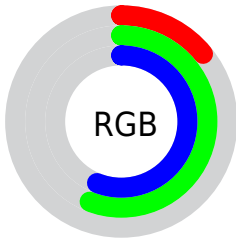
Format	Color
R_{YB}	36, 90, 143
Decimal	2396047
CIE _{Lab}	54.00, -28.64, -8.55
CIE _{LCh}	54, 29.887, 196.624
Yxy	21.9746, 0.2317, 0.3288
Android (android.graphics.Color)	4280586127 (0xFF248F8F)
YUV	111.0070, 15.7725, -65.7811
Hunter-Lab	46.8770, -23.0682, -4.3467

Details

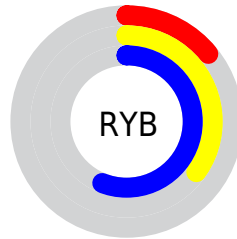
The CIELCh color **54, 29.887, 196.624** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **32, 52.100, 31.387**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 29.774, 197.200**, and **35, 23.631, 197.954** is the 20% darker color. If you saturate the color by 10%, you get **54, 31.358, 196.492**, and if you desaturate by 10%, it is **54, 27.749, 196.814**.

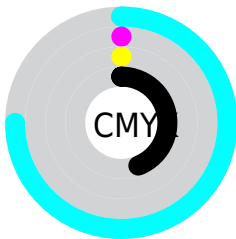
Distribution



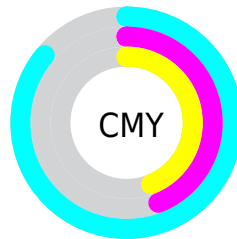
- Red (14%)
- Green (56%)
- Blue (56%)



- Red (14%)
- Yellow (35%)
- Blue (56%)



- Cyan (75%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (86%)
- Magenta (44%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 29.887, 196.624 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, 29.887, 196.624 by changing the saturation by 10% instead.

 54, 29.887,
196.624

 54, 29.887,
196.624


 100, 29.887,
196.624

 44, 29.887,
196.624

 74, 29.887,
196.624

 34, 29.887,
196.624

 84, 29.887,
196.624

 24, 29.887,
196.624

 94, 29.887,
196.624

 14, 29.887,
196.624

 4, 29.887, 196.624

 0, 29.887, 196.624

■ 54, 29.887,
196.624

■ 54, 29.887,
196.624

■ 54, 31.358,
196.492

■ 54, 27.749,
196.814

■ 54, 32.220,
196.416

■ 55, 24.941,
197.068

■ 54, 32.564,
196.386

■ 55, 21.496,
197.384

■ 56, 17.469,
197.760

■ 57, 12.937,
198.193

■ 58, 7.982, 198.685

■ 59, 2.689, 199.303

■ 60, 2.863, 19.537

Harmonies

Complementary

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



54, 29.887, 196.624



32, 52.100, 31.387

Rectangle

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



54, 29.887, 196.624



54, 29.887, 246.624



54, 29.887, 16.624



54, 29.887, 66.624

Sweetspot

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



54, 29.887, 196.623



73, 14.298, 198.307



52, 67.870, 137.603



38, 9.607, 198.195



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 29.887, 196.623



69, 38.894, 196.434



38, 33.794, 270.743



30, 3.069, 199.005



51, 31.267, 196.386



2, 2.121, 199.422

Inverse Universe

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



32, 52.100, 31.387



40, 76.840, 37.187



43, 42.450, 64.533



28, 3.246, 19.888



27, 64.131, 38.798



0, 2.121, 19.405

Previews

White Background



This preview shows how the CIELCh color 54, 29.887, 196.624 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, 29.887, 196.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

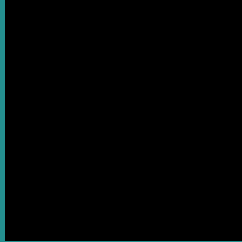
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 29.887, 196.624

Background



This preview shows how black text looks on a background with the CIELCh color 54, 29.887, 196.624.

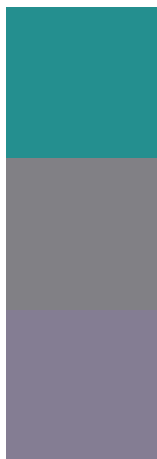


This preview shows how white text looks on a background with the CIELCh color 54, 29.887, 196.624.

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, 29.887, 196.624

Protanopia

54, 2.922, 298.238

Deuteranopia

54, 13.036, 303.347



Tritanopia
54, 27.704, 211.637

Trichromacy



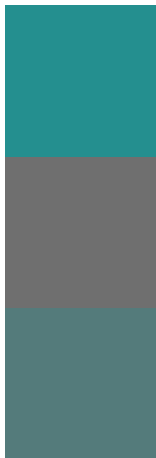
Original Color
54, 29.887, 196.624

Protanomaly
53, 13.748, 207.865

Deuteranomaly
53, 14.385, 232.910

Tritanomaly
54, 28.452, 205.085

Monochromacy



Original Color
54, 29.887, 196.624

Achromatopsia
47, 0.006, 296.813

Achromatomaly
49, 14.241, 197.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 29.887, 196.624 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(36, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(36, 143, 143)  
}
```

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(36, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 143, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 29.887, 196.624 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(36, 143, 143) }
```

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

```
.border{ border-color:rgb(36, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(36, 143,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 29.887, 196.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 143, 143) }
```

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

```
.background{ background-color: rgb(36, 143,  
143) }
```

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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