

Converting Colors

CIELCh(54, 31.971, 233.410)

Have a look what the booklet for
CIELCh(54, 31.971, 233.410)
contains.

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Color

CIELCh(54, 32.063, 234.234)

Conversions

Conversions Part 1

Format	Color
Hex	138CAD
RGB	19, 140, 173
RGB Percent	7%, 55%, 68%
CMY	0.9270, 0.4502, 0.3207
CMYK	0.89, 0.19, 0.00, 0.32
HSL	193°, 81%, 38%
HSV	193°, 89%, 68%
XYZ	17.2312, 21.9746, 42.9747
YIQ	107.5830, -82.7090, -15.3890

Conversions

Conversions Part 2

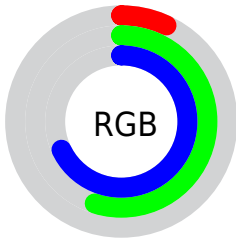
Format	Color
R _{YB}	19, 87, 173
Decimal	1281197
CIE Lab	54.00, -18.74, -26.02
CIE LCh	54, 32.063, 234.234
Yxy	21.9746, 0.2097, 0.2674
Android (android.graphics.Color)	4279471277 (0xFF138CAD)
YUV	107.5830, 32.2506, -77.6873
Hunter-Lab	46.8770, -16.4214, -21.5404

Details

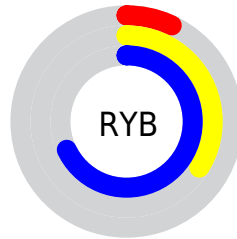
The CIELCh color **54, 32.063, 234.234** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **40, 66.398, 43.646**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 32.037, 234.440**, and **35, 26.271, 245.626** is the 20% darker color. If you saturate the color by 10%, you get **53, 33.041, 238.003**, and if you desaturate by 10%, it is **55, 30.678, 231.005**.

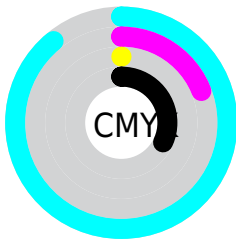
Distribution



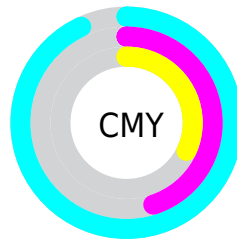
- Red (7%)
- Green (55%)
- Blue (68%)



- Red (7%)
- Yellow (34%)
- Blue (68%)



- Cyan (89%)
- Magenta (19%)
- Yellow (0%)
- Black (32%)





- Cyan (93%)
- Magenta (45%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 32.063, 234.234 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, 32.063, 234.234 by changing the saturation by 10% instead.


 54, 32.063,
234.234


 54, 32.063,
234.234


 100, 32.063,
234.234


 44, 32.063,
234.234


 74, 32.063,
234.234

 34, 32.063,
234.234

 84, 32.063,
234.234

 24, 32.063,
234.234

 94, 32.063,
234.234

 14, 32.063,
234.234

 4, 32.063, 234.234

 0, 32.063, 234.234

■ 54, 32.063,
234.234

■ 54, 32.063,
234.234

■ 53, 33.041,
238.003

■ 55, 30.678,
231.005

■ 53, 33.114,
238.283

■ 57, 28.709,
228.393

■ 59, 26.109,
226.326

■ 60, 22.887,
224.720

■ 62, 19.088,
223.494

■ 64, 14.783,
222.576

■ 66, 10.048,
221.909

■ 69, 4.961, 221.468

Harmonies

Complementary

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



54, 32.063, 234.234



40, 66.398, 43.646

Rectangle

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



54, 32.063, 234.234



54, 32.063, 284.234



54, 32.063, 54.234



54, 32.063, 104.234

Sweetspot

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



54, 32.062, 234.234



82, 16.945, 222.439



62, 79.255, 140.269



42, 11.273, 222.696



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



54, 32.062, 234.234



67, 40.279, 239.081



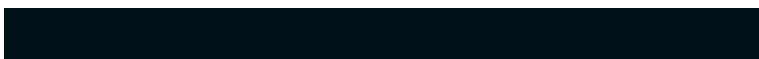
32, 67.802, 294.674



36, 3.037, 221.469



46, 29.807, 237.767



4, 6.406, 230.217

Inverse Universe

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



40, 72.109, 337.731



51, 88.784, 339.159



56, 59.036, 81.142



34, 5.681, 331.551



34, 66.263, 338.779



2, 11.298, 333.846

Previews

White Background



This preview shows how the CIELCh color 54, 32.063, 234.234 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, 32.063, 234.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

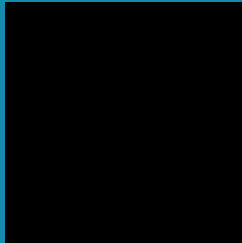
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 32.063, 234.234

Background



This preview shows how black text looks on a background with the CIELCh color 54, 32.063, 234.234.

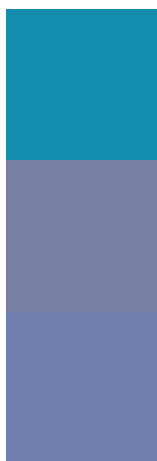


This preview shows how white text looks on a background with the CIELCh color 54, 32.063, 234.234.

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

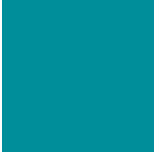
54, 32.014, 234.302

Protanopia

54, 20.888, 285.066

Deuteranopia

54, 28.467, 284.349



Tritanopia
54, 31.454, 208.432

Trichromacy



Original Color
54, 32.014, 234.302

Protanomaly
53, 24.715, 254.114

Deuteranomaly
53, 28.538, 259.966

Tritanomaly
54, 31.012, 217.841

Monochromacy



Original Color
54, 32.014, 234.302

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 16.621, 223.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 32.063, 234.234 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(19, 140, 173)` looks like.

```
.text, #text, p{  
    color:rgb(19, 140, 173)  
}
```

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(19, 140, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 140, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 32.063, 234.234 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(19, 140, 173) }
```

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

```
.border{ border-color:rgb(19, 140, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 140, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 140, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 140, 173);  
box-shadow:4px 4px 4px 4px rgb(19, 140,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 32.063, 234.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 140, 173) }
```

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

```
.background{ background-color: rgb(19, 140,  
173) }
```

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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