

Converting Colors

CIELCh(54, 25.438, 202.302)

Have a look what the booklet for
CIELCh(54, 25.438, 202.302)
contains.

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Color

CIELCh(54, 25.466, 202.298)

Conversions

Conversions Part 1

Format	Color
Hex	3A8D91
RGB	58, 141, 145
RGB Percent	23%, 55%, 57%
CMY	0.7728, 0.4473, 0.4316
CMYK	0.60, 0.03, 0.00, 0.43
HSL	183°, 43%, 40%
HSV	183°, 60%, 57%
XYZ	16.3653, 21.9746, 30.1456
YIQ	116.6390, -50.7520, -16.3520

Conversions

Conversions Part 2

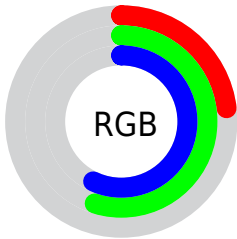
Format	Color
RYB	58, 100, 145
Decimal	3837329
CIELab	54.00, -23.56, -9.66
CIElCh	54, 25.466, 202.298
Yxy	21.9746, 0.2390, 0.3209
Android (android.graphics.Color)	4282027409 (0xFF3A8D91)
YUV	116.6390, 13.9820, -51.4264
Hunter-Lab	46.8770, -19.7185, -5.3142




Details

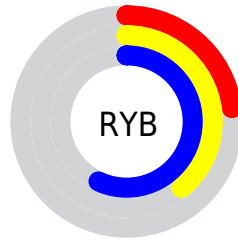
The CIELCh color **54, 25.466, 202.298** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **37, 40.049, 29.676**, and the grayscale version is **49, 0.007, 296.813**.




A 20% lighter version of the original color is **74, 25.388, 202.478**, and **34, 22.783, 204.566** is the 20% darker color. If you saturate the color by 10%, you get **53, 27.789, 202.465**, and if you desaturate by 10%, it is **55, 22.487, 202.256**.

Distribution







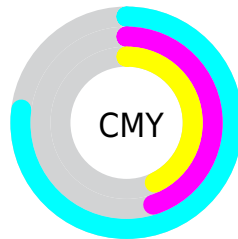
-  Red (23%)
-  Green (55%)
-  Blue (57%)






-  Red (23%)
-  Yellow (39%)
-  Blue (57%)



-  Cyan (60%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (77%)
-  Magenta (45%)
-  Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 25.466, 202.298 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, 25.466, 202.298 by changing the saturation by 10% instead.


 54, 25.466,
202.298

 54, 25.466,
202.298

 100, 25.466,
202.298

 44, 25.466,
202.298


 74, 25.466,
202.298

 34, 25.466,
202.298

 84, 25.466,
202.298

 24, 25.466,
202.298

 94, 25.466,
202.298

 14, 25.466,
202.298

 4, 25.466, 202.298

 0, 25.466, 202.298

■ 54, 25.466,
202.298

■ 54, 25.466,
202.298

■ 53, 27.789,
202.465

■ 55, 22.487,
202.256

■ 53, 29.437,
202.776

■ 56, 18.903,
202.329

■ 52, 30.430,
203.238

■ 57, 14.783,
202.503

■ 52, 30.965,
203.813

■ 58, 10.206,
202.766

■ 59, 5.256, 203.125

■ 60, 0.014, 235.972

■ 62, 5.455, 23.753

■ 63, 11.081, 24.244

■ 65, 16.815, 24.731

Harmonies

Complementary

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



54, 25.466, 202.298



37, 40.049, 29.676

Rectangle

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



54, 25.466, 202.298



54, 25.466, 252.298



54, 25.466, 22.298



54, 25.466, 72.298

Sweetspot

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



54, 25.466, 202.296



74, 11.435, 202.818



53, 56.975, 140.223



38, 7.856, 202.737



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, 25.466, 202.296



68, 34.545, 202.557



41, 29.822, 271.012



30, 2.931, 203.163



49, 29.439, 203.762



2, 2.027, 203.434

Inverse Universe

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



40, 55.850, 328.809



48, 78.527, 329.346



47, 33.994, 71.272



28, 5.436, 326.168



31, 69.616, 330.097



1, 3.651, 325.691

Previews

White Background



This preview shows how the CIE LCh color 54, 25.466, 202.298 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, 25.466, 202.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

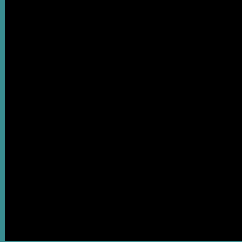
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 25.466, 202.298

Background



This preview shows how black text looks on a background with the CIELCh color 54, 25.466, 202.298.



This preview shows how white text looks on a background with the CIELCh color 54, 25.466, 202.298.

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, 25.466, 202.298

Protanopia

54, 5.197, 290.824

Deuteranopia

54, 13.531, 301.325



Tritanopia
54, 24.487, 212.442

Trichromacy



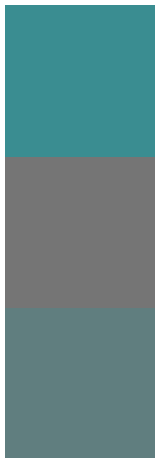
Original Color
54, 25.466, 202.298

Protanomaly
54, 11.475, 219.176

Deuteranomaly
53, 13.055, 244.118

Tritanomaly
54, 24.658, 209.488

Monochromacy



Original Color
54, 25.466, 202.298

Achromatopsia
49, 0.007, 296.813

Achromatomaly
51, 11.168, 201.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 25.466, 202.298 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, 141, 145)` looks like.

```
.text, #text, p{  
    color:rgb(58, 141, 145)  
}
```

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, 141, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 141, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 25.466, 202.298 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, 141, 145) }
```

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

```
.border{ border-color:rgb(58, 141, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 141, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 141, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 141, 145);  
box-shadow:4px 4px 4px 4px rgb(58, 141,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 25.466, 202.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 141, 145) }
```

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

```
.background{ background-color: rgb(58, 141,  
145) }
```

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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