

Converting Colors

CIELCh(54, 20.552, 208.601)

Have a look what the booklet for
CIELCh(54, 20.552, 208.601)
contains.

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Color

CIELCh(54, 20.602, 207.270)

Conversions

Conversions Part 1

Format	Color
Hex	4D8B91
RGB	77, 139, 145
RGB Percent	30%, 55%, 57%
CMY	0.6993, 0.4561, 0.4326
CMYK	0.47, 0.04, 0.00, 0.43
HSL	185°, 31%, 43%
HSV	185°, 47%, 57%
XYZ	17.3094, 21.9746, 29.9912
YIQ	121.1460, -38.8780, -11.2780

Conversions

Conversions Part 2

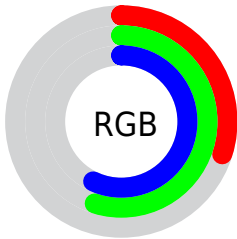
Format	Color
R_{YB}	77, 109, 145
Decimal	5082001
CIE _{Lab}	54.00, -18.31, -9.44
CIE _{LCh}	54, 20.602, 207.270
Yxy	21.9746, 0.2499, 0.3172
Android (android.graphics.Color)	4283272081 (0xFF4D8B91)
YUV	121.1460, 11.7600, -38.7160
Hunter-Lab	46.8770, -16.1234, -5.1189

Details

The CIELCh color **54, 20.602, 207.270** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **42, 29.128, 30.404**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 20.812, 206.944**, and **34, 20.701, 207.425** is the 20% darker color. If you saturate the color by 10%, you get **53, 23.637, 207.600**, and if you desaturate by 10%, it is **55, 17.001, 207.100**.

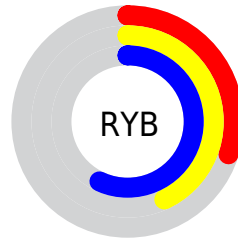
Distribution



Red (30%)

Green (55%)

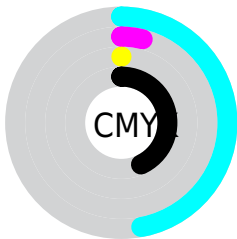
Blue (57%)



Red (30%)

Yellow (43%)

Blue (57%)

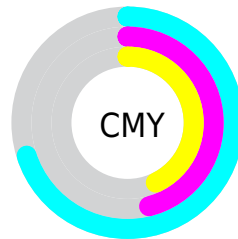


Cyan (47%)

Magenta (4%)

Yellow (0%)

Black (43%)



Cyan (70%)


Magenta (46%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 20.602, 207.270 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, 20.602, 207.270 by changing the saturation by 10% instead.


 54, 20.602,
207.270


 54, 20.602,
207.270


 100, 20.602,
207.270


 44, 20.602,
207.270


 74, 20.602,
207.270

 34, 20.602,
207.270

 84, 20.602,
207.270

 24, 20.602,
207.270

 94, 20.602,
207.270

 14, 20.602,
207.270

 4, 20.602, 207.270

 0, 20.602, 207.270

■ 54, 20.602,
207.270

■ 54, 20.602,
207.270

■ 53, 23.637,
207.600

■ 55, 17.001,
207.100

■ 52, 26.048,
208.124

■ 56, 12.906,
207.070

■ 51, 27.803,
208.873

■ 58, 8.397, 207.161

■ 51, 28.907,
209.875

■ 59, 3.552, 207.394

■ 61, 1.556, 27.222

■ 50, 29.454,
211.130

■ 62, 6.862, 27.726

■ 50, 29.590,
211.516

■ 64, 12.312, 28.082

■ 66, 17.859, 28.451

■ 67, 23.466, 28.835

Harmonies

Complementary

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



54, 20.602, 207.270



42, 29.128, 30.404

Rectangle

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



54, 20.602, 207.270



54, 20.602, 257.270



54, 20.602, 27.270



54, 20.602, 77.270

Sweetspot

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



54, 20.602, 207.268



74, 8.655, 207.207



54, 44.161, 143.034



38, 5.923, 207.173



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, 20.602, 207.268



68, 28.808, 207.607



44, 25.005, 272.228



30, 2.819, 207.324



47, 28.172, 211.411



2, 1.949, 207.444

Inverse Universe

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



43, 43.845, 329.539



52, 63.370, 330.076



51, 26.650, 77.784



28, 5.280, 327.401



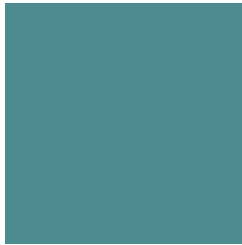
31, 67.401, 331.980



1, 3.546, 326.915

Previews

White Background



This preview shows how the CIE LCh color 54, 20.602, 207.270 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, 20.602, 207.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

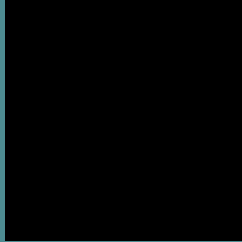
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 20.602, 207.270

Background



This preview shows how black text looks on a background with the CIELCh color 54, 20.602, 207.270.



This preview shows how white text looks on a background with the CIELCh color 54, 20.602, 207.270.

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, 20.602, 207.270

Protanopia

54, 5.773, 290.893

Deuteranopia

54, 13.600, 302.889



Tritanopia
54, 20.287, 216.055

Trichromacy



Original Color
54, 20.602, 207.270

Protanomaly
54, 9.509, 227.886

Deuteranomaly
54, 11.596, 257.248

Tritanomaly
54, 20.158, 212.682

Monochromacy



Original Color
54, 20.602, 207.270

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 8.421, 210.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 20.602, 207.270 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(77, 139, 145)` looks like.

```
.text, #text, p{  
    color:rgb(77, 139, 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(77, 139, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 139, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 20.602, 207.270 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(77, 139, 145) }
```

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

```
.border{ border-color:rgb(77, 139, 145) }
```

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

Here you see how a box with a 4 pixel rgb(77, 139, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 139, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 139, 145);  
box-shadow:4px 4px 4px 4px rgb(77, 139,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 20.602, 207.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 139, 145) }
```

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

```
.background{ background-color: rgb(77, 139,  
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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