

Converting Colors

CIELCh(54, 24.031, 187.344)

Have a look what the booklet for
CIELCh(54, 24.031, 187.344)
contains.

CIELCh(54, 24.034, 187.344)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 24.034, 187.344)

Conversions

Conversions Part 1

Format	Color
Hex	478D86
RGB	71, 141, 134
RGB Percent	28%, 55%, 53%
CMY	0.7231, 0.4485, 0.4760
CMYK	0.50, 0.00, 0.05, 0.45
HSL	174°, 33%, 41%
HSV	174°, 50%, 55%
XYZ	16.3168, 21.9746, 25.8006
YIQ	119.2720, -39.4730, -17.0170

Conversions

Conversions Part 2

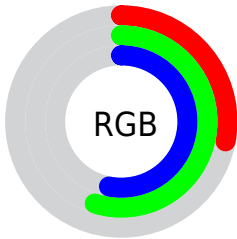
Format	Color
R_{YB}	71, 108, 141
Decimal	4689286
CIE _{Lab}	54.00, -23.84, -3.07
CIE _{LCh}	54, 24.034, 187.344
Yxy	21.9746, 0.2546, 0.3429
Android (android.graphics.Color)	4282879366 (0xFF478D86)
YUV	119.2720, 7.2609, -42.3345
Hunter-Lab	46.8770, -19.9032, 0.1813




Details

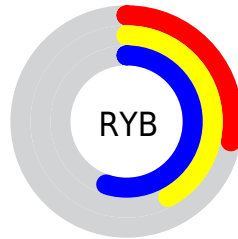
The CIELCh color `54, 24.034, 187.344` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `39, 31.824, 17.431`, and the grayscale version is `50, 0.007, 296.813`.




A 20% lighter version of the original color is `74, 23.980, 187.104`, and `34, 23.722, 188.625` is the 20% darker color. If you saturate the color by 10%, you get `53, 27.504, 186.505`, and if you desaturate by 10%, it is `55, 20.002, 188.149`.

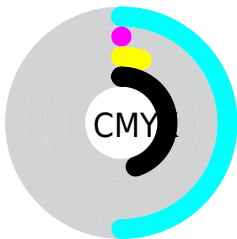
Distribution







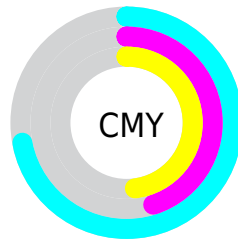
-  Red (28%)
-  Green (55%)
-  Blue (53%)






-  Red (28%)
-  Yellow (42%)
-  Blue (55%)



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (45%)




-  Cyan (72%)
-  Magenta (45%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 24.034, 187.344 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, 24.034, 187.344 by changing the saturation by 10% instead.


 54, 24.034,
187.344

 54, 24.034,
187.344

 100, 24.034,
187.344


 44, 24.034,
187.344


 74, 24.034,
187.344

 34, 24.034,
187.344

 84, 24.034,
187.344

 24, 24.034,
187.344

 94, 24.034,
187.344

 14, 24.034,
187.344

 4, 24.034, 187.344

 0, 24.034, 187.344

■ 54, 24.034,
187.344

■ 54, 24.034,
187.344

■ 53, 27.504,
186.505

■ 55, 20.002,
188.149

■ 53, 30.355,
185.622

■ 55, 15.485,
188.935

■ 53, 32.556,
184.679

■ 56, 10.569,
189.712

■ 53, 34.119,
183.658

■ 57, 5.339, 190.504

■ 52, 35.236,
182.584

■ 59, 0.121, 7.766

■ 60, 5.741, 11.835

■ 52, 35.260,
182.562

■ 61, 11.458, 12.599

■ 63, 17.222, 13.330

■ 64, 22.993, 14.044

Harmonies

Complementary

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



54, 24.034, 187.344



39, 31.824, 17.431

Rectangle

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



54, 24.034, 187.344



54, 24.034, 237.344



54, 24.034, 7.344



54, 24.034, 57.344

Sweetspot

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



54, 24.034, 187.342



73, 10.062, 190.060



53, 46.746, 138.427



38, 6.813, 189.916



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, 24.034, 187.342



68, 34.041, 186.374



46, 20.867, 252.054



30, 3.123, 190.553



50, 34.244, 182.607



2, 2.147, 191.170

Inverse Universe

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



39, 31.824, 17.431



46, 48.464, 20.192



46, 26.370, 59.197



28, 3.269, 11.820



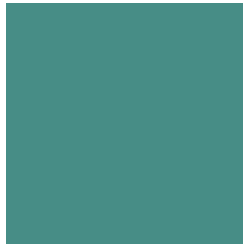
27, 60.985, 34.578



0, 2.147, 11.154

Previews

White Background



This preview shows how the CIELCh color 54, 24.034, 187.344 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, 24.034, 187.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

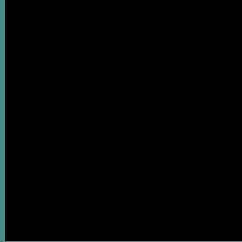
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 24.034, 187.344

Background



This preview shows how black text looks on a background with the CIELCh color 54, 24.034, 187.344.



This preview shows how white text looks on a background with the CIELCh color 54, 24.034, 187.344.

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, 24.034, 187.344

Protanopia

54, 1.652, 63.327

Deuteranopia

54, 8.409, 324.882



Tritanopia
54, 20.768, 215.575

Trichromacy



Original Color
54, 24.034, 187.344

Protanomaly
54, 9.498, 184.347

Deuteranomaly
54, 7.286, 222.258

Tritanomaly
54, 21.406, 203.650

Monochromacy



Original Color
54, 24.034, 187.344

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 10.105, 188.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 24.034, 187.344 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(71, 141, 134)` looks like.

```
.text, #text, p{  
    color:rgb(71, 141, 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(71, 141, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 141, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 24.034, 187.344 is called "border". The border property can be set on classes, ids or directly on the HTML element.

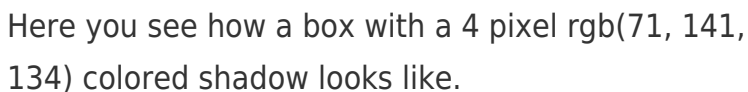
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 141, 134) }
```

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

```
.border{ border-color:rgb(71, 141, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(71, 141, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 141, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 141, 134); box-shadow:4px 4px 4px 4px rgb(71, 141, 134) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 24.034, 187.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 141, 134) }
```

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

```
.background{ background-color: rgb(71, 141,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor