

Converting Colors

CIELCh(54, 24.030, 217.240)

Have a look what the booklet for
CIELCh(54, 24.030, 217.240)
contains.

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Color

CIELCh(54, 24.032, 217.239)

Conversions

Conversions Part 1

Format	Color
Hex	3F8B99
RGB	63, 139, 153
RGB Percent	25%, 55%, 60%
CMY	0.7511, 0.4532, 0.3983
CMYK	0.59, 0.09, 0.00, 0.40
HSL	189°, 41%, 43%
HSV	189°, 59%, 60%
XYZ	17.1596, 21.9746, 33.6599
YIQ	117.8720, -49.7900, -11.7580

Conversions

Conversions Part 2

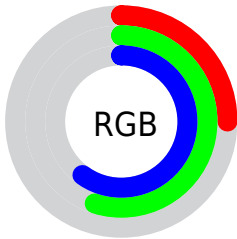
Format	Color
R _{YB}	63, 104, 153
Decimal	4164505
CIE _{Lab}	54.00, -19.13, -14.54
CIE _{LCh}	54, 24.032, 217.239
Y _{xy}	21.9746, 0.2357, 0.3019
Android (android.graphics.Color)	4282354585 (0xFF3F8B99)
YUV	117.8720, 17.3181, -48.1227
Hunter-Lab	46.8770, -16.6939, -9.7590

Details

The CIELCh color **54, 24.032, 217.239** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **42, 37.917, 36.865**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 24.078, 216.311**, and **34, 22.475, 218.403** is the 20% darker color. If you saturate the color by 10%, you get **53, 26.368, 218.559**, and if you desaturate by 10%, it is **55, 21.076, 216.250**.

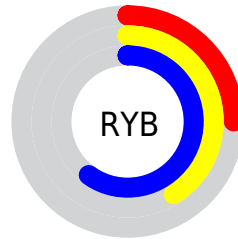
Distribution



Red (25%)

Green (55%)

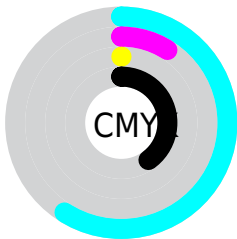
Blue (60%)



Red (25%)

Yellow (41%)

Blue (60%)

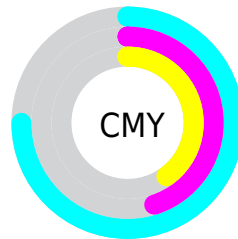


Cyan (59%)

Magenta (9%)

Yellow (0%)

Black (40%)



Cyan (75%)


Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 24.032, 217.239 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, 24.032, 217.239 by changing the saturation by 10% instead.


 54, 24.032,
217.239


 54, 24.032,
217.239


 100, 24.032,
217.239

 44, 24.032,
217.239


 74, 24.032,
217.239

 34, 24.032,
217.239

 84, 24.032,
217.239

 24, 24.032,
217.239

 94, 24.032,
217.239

 14, 24.032,
217.239

 4, 24.032, 217.239

 0, 24.032, 217.239

■ 54, 24.032,
217.239

■ 54, 24.032,
217.239

■ 53, 26.368,
218.559

■ 55, 21.076,
216.250

■ 52, 28.063,
220.276

■ 57, 17.556,
215.538

■ 51, 29.136,
222.453

■ 58, 13.541,
215.052

■ 50, 29.735,
225.052

■ 60, 9.109, 214.752

■ 50, 29.814,
225.412

■ 62, 4.337, 214.633

■ 64, 0.705, 33.822

■ 66, 5.955, 34.411

■ 68, 11.357, 34.536

■ 70, 16.870, 34.688

Harmonies

Complementary

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



54, 24.032, 217.239



42, 37.917, 36.865

Rectangle

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



54, 24.032, 217.239



54, 24.032, 267.239



54, 24.032, 37.239



54, 24.032, 87.239

Sweetspot

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



54, 24.032, 217.237



76, 10.886, 214.746



57, 54.101, 143.546



39, 7.482, 214.809



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 24.032, 217.237



67, 32.596, 218.987



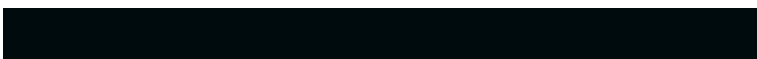
41, 36.097, 281.048



31, 2.831, 214.633



46, 27.926, 225.152



2, 3.105, 215.936

Inverse Universe

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



42, 53.281, 332.627



50, 74.644, 333.446



53, 36.570, 82.033



30, 5.334, 329.540



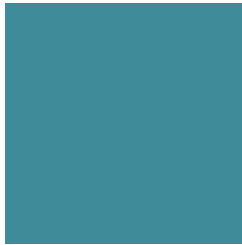
32, 65.758, 335.389



1, 5.678, 329.459

Previews

White Background



This preview shows how the CIELCh color 54, 24.032, 217.239 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, 24.032, 217.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

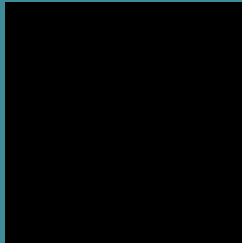
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 24.032, 217.239

Background



This preview shows how black text looks on a background with the CIELCh color 54, 24.032, 217.239.



This preview shows how white text looks on a background with the CIELCh color 54, 24.032, 217.239.

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, 24.032, 217.239

Protanopia

54, 10.400, 289.393

Deuteranopia

54, 17.346, 293.467



Tritanopia
54, 24.092, 212.729

Trichromacy



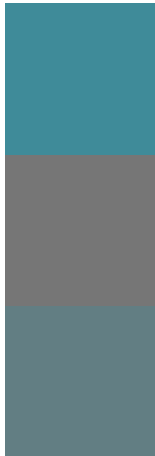
Original Color
54, 24.032, 217.239

Protanomaly
54, 13.510, 242.092

Deuteranomaly
54, 16.369, 257.212

Tritanomaly
54, 24.130, 214.164

Monochromacy



Original Color
54, 24.032, 217.239

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 10.641, 214.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 24.032, 217.239 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(63, 139, 153)` looks like.

```
.text, #text, p{  
    color:rgb(63, 139, 153)  
}
```

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(63, 139, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 139, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 24.032, 217.239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

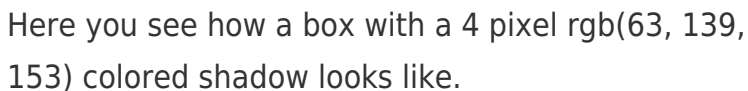
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(63, 139, 153) }
```

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

```
.border{ border-color:rgb(63, 139, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(63, 139, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(63, 139, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(63, 139, 153); box-shadow:4px 4px 4px 4px rgb(63, 139, 153) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 24.032, 217.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 139, 153) }
```

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

```
.background{ background-color: rgb(63, 139,  
153) }
```

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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