

Converting Colors

CIELCh(54, 28.087, 234.612)

Have a look what the booklet for
CIELCh(54, 28.087, 234.612)
contains.

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Color

CIELCh(54, 28.119, 234.507)

Conversions

Conversions Part 1

Format	Color
Hex	348BA8
RGB	52, 139, 168
RGB Percent	20%, 55%, 66%
CMY	0.7967, 0.4554, 0.3417
CMYK	0.69, 0.17, 0.00, 0.34
HSL	195°, 53%, 43%
HSV	195°, 69%, 66%
XYZ	17.6759, 21.9746, 40.2890
YIQ	116.2930, -61.1610, -9.4250

Conversions

Conversions Part 2

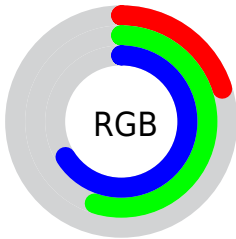
Format	Color
R_{YB}	52, 102, 168
Decimal	3443624
CIE _{Lab}	54.00, -16.33, -22.89
CIE _{LCh}	54, 28.119, 234.507
Yxy	21.9746, 0.2211, 0.2749
Android (android.graphics.Color)	4281633704 (0xFF348BA8)
YUV	116.2930, 25.4916, -56.3850
Hunter-Lab	46.8770, -14.7278, -18.1435

Details

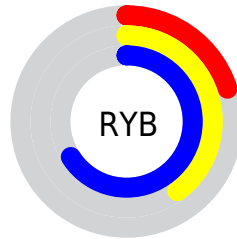
The CIELCh color `54, 28.119, 234.507` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `45, 47.323, 44.836`, and the grayscale version is `49, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 27.962, 233.807`, and `35, 24.933, 240.636` is the 20% darker color. If you saturate the color by 10%, you get `52, 30.266, 237.546`, and if you desaturate by 10%, it is `56, 25.422, 232.065`.

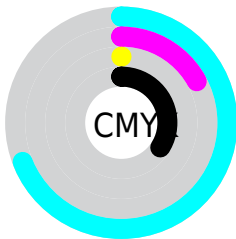
Distribution



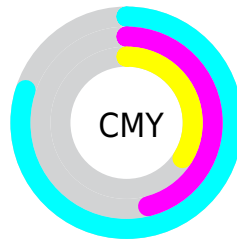
- Red (20%)
- Green (55%)
- Blue (66%)



- Red (20%)
- Yellow (40%)
- Blue (66%)



- Cyan (69%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)



- Cyan (80%)
- Magenta (46%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 28.119, 234.507 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, 28.119, 234.507 by changing the saturation by 10% instead.

 54, 28.119,
234.507

 54, 28.119,
234.507


 100, 28.119,
234.507

 44, 28.119,
234.507


 74, 28.119,
234.507

 34, 28.119,
234.507


 84, 28.119,
234.507

 24, 28.119,
234.507

 94, 28.119,
234.507

 14, 28.119,
234.507

 4, 28.119, 234.507

 0, 28.119, 234.507

■ 54, 28.119,
234.507

■ 54, 28.119,
234.507

■ 52, 30.266,
237.546

■ 56, 25.422,
232.065

■ 51, 31.920,
241.245

■ 58, 22.176,
230.136

■ 49, 33.261,
245.487

■ 60, 18.418,
228.630

■ 49, 33.382,
245.856

■ 62, 14.208,
227.471

■ 64, 9.613, 226.593

■ 67, 4.702, 225.966

■ 69, 0.459, 44.352

■ 72, 5.815, 44.907

■ 74, 11.316, 44.676

Harmonies

Complementary

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



54, 28.119, 234.507



45, 47.323, 44.836

Rectangle

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



54, 28.119, 234.507



54, 28.119, 284.507



54, 28.119, 54.507



54, 28.119, 104.507

Sweetspot

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



54, 28.118, 234.507



81, 13.039, 226.770



61, 62.969, 144.581



42, 8.744, 226.991



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



54, 28.118, 234.507



66, 38.098, 239.462



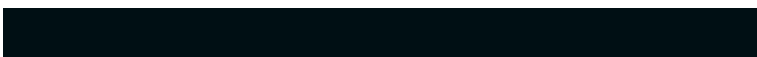
37, 52.353, 289.928



34, 2.922, 225.974



43, 30.334, 245.324



4, 5.382, 233.966

Inverse Universe

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



42, 60.822, 337.550



51, 82.490, 339.189



58, 48.368, 87.227



33, 5.400, 332.896



33, 63.790, 341.062



2, 9.310, 335.073

Previews

White Background



This preview shows how the CIELCh color 54, 28.119, 234.507 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 CIE LCh color 54, 28.119, 234.507 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, 28.119, 234.507

Background



This preview shows how black text looks on a background with the CIELCh color 54, 28.119, 234.507.

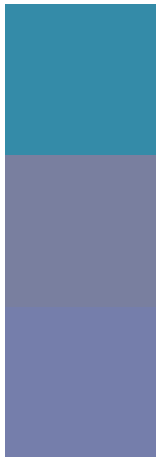


This preview shows how white text looks on a background with the CIELCh color 54, 28.119, 234.507.

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, 28.119, 234.507

Protanopia
54, 18.542, 285.860

Deuteranopia
54, 26.067, 286.669



Tritanopia
54, 27.841, 211.552

Trichromacy



Original Color
54, 28.119, 234.507

Protanomaly
53, 20.808, 258.826

Deuteranomaly
53, 24.954, 264.181

Tritanomaly
54, 27.365, 219.763

Monochromacy



Original Color
54, 28.119, 234.507

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 12.622, 229.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 28.119, 234.507 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(52, 139, 168)` looks like.

```
.text, #text, p{  
    color:rgb(52, 139, 168)  
}
```

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(52, 139, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 139, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 28.119, 234.507 is called "border". The border property can be set on classes, ids or directly on the HTML element.

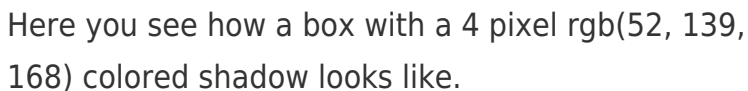
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(52, 139, 168) }
```

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

```
.border{ border-color:rgb(52, 139, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(52, 139, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(52, 139, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(52, 139, 168); box-shadow:4px 4px 4px 4px rgb(52, 139, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 28.119, 234.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 139, 168) }
```

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

```
.background{ background-color: rgb(52, 139,  
168) }
```

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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