

Converting Colors

CIELCh(54, 23.489, 256.168)

Have a look what the booklet for
CIELCh(54, 23.489, 256.168)
contains.

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Color

CIELCh(54, 23.404, 256.090)

Conversions

Conversions Part 1

Format	Color
Hex	5A86A8
RGB	90, 134, 168
RGB Percent	35%, 53%, 66%
CMY	0.6479, 0.4753, 0.3420
CMYK	0.46, 0.20, 0.00, 0.34
HSL	206°, 31%, 51%
HSV	206°, 46%, 66%
XYZ	19.7394, 21.9746, 40.1406
YIQ	124.7200, -37.1380, 1.2460

Conversions

Conversions Part 2

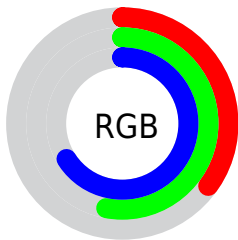
Format	Color
R _Y B	90, 118, 168
Decimal	5932712
CIE Lab	54.00, -5.63, -22.72
CIE LCh	54, 23.404, 256.090
Yxy	21.9746, 0.2412, 0.2685
Android (android.graphics.Color)	4284122792 (0xFF5A86A8)
YUV	124.7200, 21.3370, -30.4494
Hunter-Lab	46.8770, -6.8704, -17.9559

Details

The CIELCh color `54, 23.404, 256.090` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `55, 28.268, 63.135`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 23.278, 256.147`, and `34, 23.263, 255.630` is the 20% darker color. If you saturate the color by 10%, you get `51, 27.923, 258.862`, and if you desaturate by 10%, it is `57, 18.675, 253.777`.

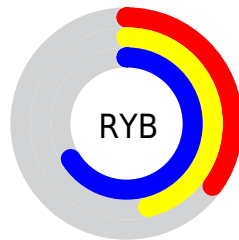
Distribution



Red (35%)

Green (53%)

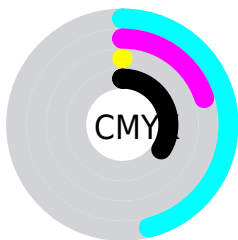
Blue (66%)



Red (35%)

Yellow (46%)

Blue (66%)

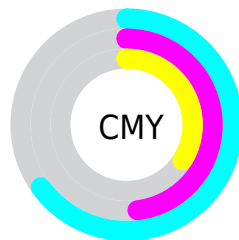


Cyan (46%)

Magenta (20%)

Yellow (0%)

Black (34%)



Cyan (65%)

Magenta (48%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 23.404, 256.090 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, 23.404, 256.090 by changing the saturation by 10% instead.

■ 54, 23.404,
256.090

■ 54, 23.404,
256.090

■ 100, 23.404,
256.090

■ 44, 23.404,
256.090

■ 74, 23.404,
256.090

■ 34, 23.404,
256.090

■ 84, 23.404,
256.090

■ 24, 23.404,
256.090

■ 94, 23.404,
256.090

■ 14, 23.404,
256.090

■ 4, 23.404, 256.090

■ 0, 23.404, 256.090

■ 54, 23.404,
256.090

■ 54, 23.404,
256.090

■ 51, 27.923,
258.862

■ 57, 18.675,
253.777

■ 48, 32.239,
262.154

■ 60, 13.754,
251.860

■ 45, 36.390,
265.990

■ 63, 8.667, 250.277

■ 43, 40.452,
270.338

■ 67, 3.447, 249.009

■ 40, 44.540,
275.043

■ 70, 1.874, 67.592

■ 39, 46.029,
276.626

■ 73, 7.268, 66.797

■ 77, 12.709, 66.021

■ 80, 18.176, 65.347

■ 83, 23.651, 64.764

Harmonies

Complementary

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



54, 23.404, 256.090



55, 28.268, 63.135

Rectangle

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



54, 23.404, 256.090



54, 23.404, 306.090



54, 23.404, 76.090



54, 23.404, 126.090

Sweetspot

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



54, 23.403, 256.089



82, 9.175, 249.966



63, 37.745, 155.698



42, 6.310, 250.255



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, 23.403, 256.089



66, 34.385, 259.029



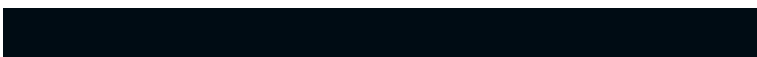
43, 43.705, 294.096



34, 3.006, 249.327



35, 41.576, 276.072



3, 5.815, 256.690

Inverse Universe

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



49, 38.979, 344.673



58, 57.229, 346.059



66, 39.260, 102.665



33, 4.733, 341.019



32, 57.556, 355.374



2, 8.112, 344.285

Previews

White Background



This preview shows how the CIELCh color 54, 23.404, 256.090 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, 23.404, 256.090 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

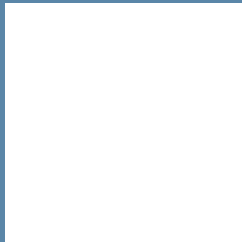
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 23.404, 256.090

Background



This preview shows how black text looks on a background with the CIELCh color 54, 23.404, 256.090.

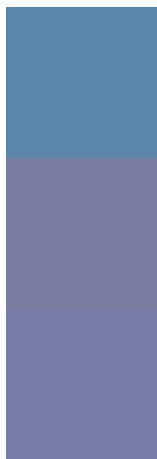


This preview shows how white text looks on a background with the CIELCh color 54, 23.404, 256.090.

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, 23.404, 256.090

Protanopia

54, 20.854, 285.994

Deuteranopia

54, 24.298, 286.675



Tritanopia
54, 18.532, 218.030

Trichromacy



Original Color
54, 23.404, 256.090

Protanomaly
54, 21.582, 274.539

Deuteranomaly
54, 23.822, 276.027

Tritanomaly
54, 19.249, 233.103

Monochromacy



Original Color
54, 23.404, 256.090

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 9.422, 252.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 23.404, 256.090 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(90, 134, 168)` looks like.

```
.text, #text, p{  
    color:rgb(90, 134, 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(90, 134, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 134, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 23.404, 256.090 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(90, 134, 168) }
```

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

```
.border{ border-color:rgb(90, 134, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 134, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 134, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 134, 168);  
box-shadow:4px 4px 4px 4px rgb(90, 134,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 23.404, 256.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 134, 168) }
```

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

```
.background{ background-color: rgb(90, 134,  
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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