

Converting Colors

CIELCh(54, 13.018, 266.435)

Have a look what the booklet for
CIELCh(54, 13.018, 266.435)
contains.

CIELCh(54, 13.096, 267.377)	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, 13.096, 267.377)

Conversions

Conversions Part 1

Format	Color
Hex	738297
RGB	115, 130, 151
RGB Percent	45%, 51%, 59%
CMY	0.5476, 0.4888, 0.4064
CMYK	0.24, 0.14, 0.00, 0.41
HSL	215°, 15%, 52%
HSV	215°, 24%, 59%
XYZ	20.7619, 21.9746, 32.5811
YIQ	127.9090, -15.6810, 3.3510

Conversions

Conversions Part 2

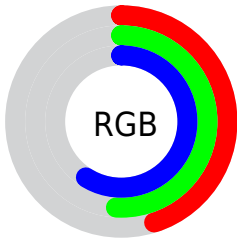
Format	Color
R_{YB}	115, 126, 151
Decimal	7570071
CIE Lab	54.00, -0.60, -13.08
CIE LCh	54, 13.096, 267.377
Yxy	21.9746, 0.2757, 0.2918
Android (android.graphics.Color)	4285760151 (0xFF738297)
YUV	127.9090, 11.3839, -11.3212
Hunter-Lab	46.8770, -2.9767, -8.3945

Details

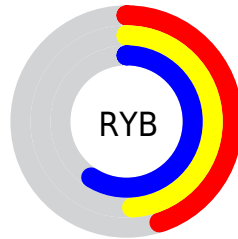
The CIELCh color $54, 13.096, 267.377$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 13.511, 80.862$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 12.992, 266.145$, and $34, 12.959, 266.663$ is the 20% darker color. If you saturate the color by 10%, you get $50, 18.624, 269.266$, and if you desaturate by 10%, it is $58, 7.579, 265.767$.

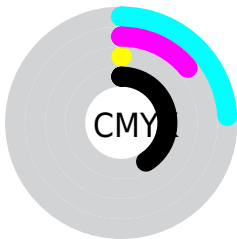
Distribution



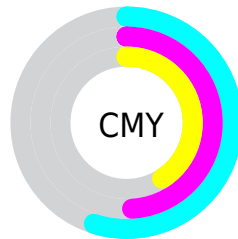
- Red (45%)
- Green (51%)
- Blue (59%)



- Red (45%)
- Yellow (49%)
- Blue (59%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)
- Black (41%)





- Cyan (55%)
- Magenta (49%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 13.096, 267.377 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, 13.096, 267.377 by changing the saturation by 10% instead.


 54, 13.096,
267.377


 54, 13.096,
267.377


 100, 13.096,
267.377


 44, 13.096,
267.377


 74, 13.096,
267.377

 34, 13.096,
267.377

 84, 13.096,
267.377

 24, 13.096,
267.377

 94, 13.096,
267.377

 14, 13.096,
267.377

 4, 13.096, 267.377

 0, 13.096, 267.377

■ 54, 13.096,
267.377

■ 54, 13.096,
267.377

■ 50, 18.624,
269.266

■ 58, 7.579, 265.767

■ 47, 24.165,
271.488

■ 61, 2.083, 264.465

■ 65, 3.383, 83.081

■ 43, 29.725,
274.083

■ 68, 8.812, 82.093

■ 40, 35.325,
277.082

■ 72, 14.196, 81.204

■ 76, 19.526, 80.419

■ 37, 41.000,
280.486

■ 79, 24.798, 79.725

■ 34, 46.794,
284.238

■ 83, 30.007, 79.106

■ 86, 35.151, 78.552

■ 31, 52.738,
288.210

■ 29, 56.521,

Harmonies

Complementary

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



54, 13.096, 267.377



58, 13.511, 80.862

Rectangle

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



54, 13.096, 267.377



54, 13.096, 317.377



54, 13.096, 87.377



54, 13.096, 137.377

Sweetspot

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



54, 13.095, 267.373



76, 4.752, 264.851



60, 16.157, 166.234



40, 3.112, 264.917



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, 13.095, 267.373



66, 19.749, 268.430



50, 21.159, 295.758



30, 3.131, 265.124



27, 53.081, 290.248



1, 3.403, 264.535

Inverse Universe

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



52, 16.858, 350.648



64, 25.533, 351.314



62, 20.050, 111.506



30, 3.965, 349.155



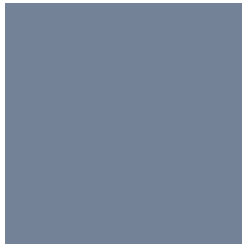
29, 54.154, 8.812



1, 4.210, 348.822

Previews

White Background



This preview shows how the CIE LCh color 54, 13.096, 267.377 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, 13.096, 267.377 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

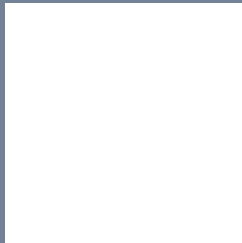
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 13.096, 267.377

Background



This preview shows how black text looks on a background with the CIELCh color 54, 13.096, 267.377.



This preview shows how white text looks on a background with the CIELCh color 54, 13.096, 267.377.

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

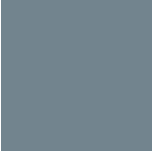
54, 13.096, 267.377

Protanopia

54, 12.716, 286.751

Deuteranopia

54, 15.122, 297.580



Tritanopia
54, 8.670, 240.769

Trichromacy



Original Color
54, 13.096, 267.377

Protanomaly
54, 12.382, 278.027

Deuteranomaly
54, 13.863, 287.330

Tritanomaly
54, 10.036, 252.879

Monochromacy



Original Color
54, 13.096, 267.377

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.609, 260.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 13.096, 267.377 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(115, 130, 151)` looks like.

```
.text, #text, p{  
    color:rgb(115, 130, 151)  
}
```

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(115, 130, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 130, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 13.096, 267.377 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(115, 130, 151) }
```

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

```
.border{ border-color:rgb(115, 130, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 130, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 130, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 130, 151);  
box-shadow:4px 4px 4px 4px rgb(115, 130,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 13.096, 267.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 130, 151) }
```

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

```
.background{ background-color: rgb(115,  
130, 151) }
```

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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