

Converting Colors

CIELCh(54, 17.530, 272.514)

Have a look what the booklet for
CIELCh(54, 17.530, 272.514)
contains.

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Color

CIELCh(54, 17.530, 272.514)

Conversions

Conversions Part 1

Format	Color
Hex	71829F
RGB	113, 130, 159
RGB Percent	44%, 51%, 62%
CMY	0.5569, 0.4902, 0.3765
CMYK	0.29, 0.18, 0.00, 0.38
HSL	218°, 19%, 53%
HSV	218°, 29%, 62%
XYZ	21.0462, 21.9746, 35.9270
YIQ	128.2230, -19.4410, 5.4150

Conversions

Conversions Part 2

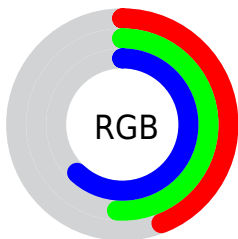
Format	Color
R_{YB}	113, 125, 159
Decimal	7439007
CIE _{Lab}	54.00, 0.77, -17.51
CIE _{LCh}	54, 17.530, 272.514
Yxy	21.9746, 0.2666, 0.2783
Android (android.graphics.Color)	4285629087 (0xFF71829F)
YUV	128.2230, 15.1731, -13.3506
Hunter-Lab	46.8770, -1.8942, -12.6264

Details

The CIELCh color $54, 17.530, 272.514$ is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be $60, 17.879, 84.428$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 17.566, 272.721$, and $34, 17.697, 273.185$ is the 20% darker color. If you saturate the color by 10%, you get $50, 23.713, 274.542$, and if you desaturate by 10%, it is $58, 11.411, 270.779$.

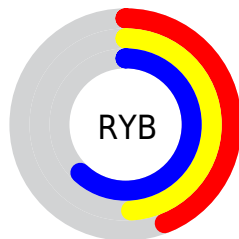
Distribution



Red (44%)

Green (51%)

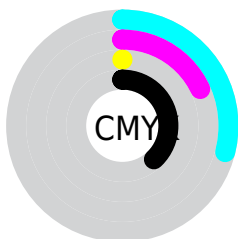
Blue (62%)



Red (44%)

Yellow (49%)

Blue (62%)

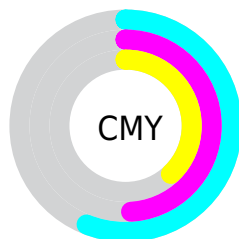


Cyan (29%)

Magenta (18%)

Yellow (0%)

Black (38%)



Cyan (56%)


Magenta (49%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 17.530, 272.514 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, 17.530, 272.514 by changing the saturation by 10% instead.


 54, 17.530,
272.514


 54, 17.530,
272.514


 100, 17.530,
272.514


 44, 17.530,
272.514


 74, 17.530,
272.514

 34, 17.530,
272.514

 84, 17.530,
272.514

 24, 17.530,
272.514

 94, 17.530,
272.514

 14, 17.530,
272.514

 4, 17.530, 272.514

 0, 17.530, 272.514

■ 54, 17.530,
272.514

■ 54, 17.530,
272.514

■ 50, 23.713,
274.542

■ 58, 11.411,
270.779

■ 46, 29.972,
276.911

■ 62, 5.358, 269.310

■ 66, 0.629, 87.627

■ 42, 36.326,
279.653

■ 70, 6.546, 86.842

■ 39, 42.807,
282.777

■ 74, 12.387, 85.893

■ 35, 49.449,
286.246

■ 78, 18.150, 85.053

■ 82, 23.830, 84.311

■ 32, 56.261,
289.954

■ 86, 29.426, 83.650

■ 29, 63.201,
293.629

■ 89, 34.744, 83.712

■ 28, 63.949,

293.987

Harmonies

Complementary

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



54, 17.530, 272.514



60, 17.879, 84.428

Rectangle

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



54, 17.530, 272.514



54, 17.530, 322.514



54, 17.530, 92.514



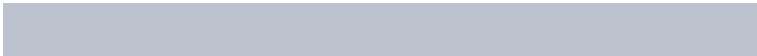
54, 17.530, 142.514

Sweetspot

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



54, 17.529, 272.512



79, 6.682, 269.342



62, 19.846, 167.697



41, 4.683, 269.531



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



54, 17.529, 272.512



66, 26.336, 273.844



50, 27.102, 297.506



31, 3.377, 269.352



25, 58.539, 293.616



1, 4.487, 269.728

Inverse Universe

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



53, 20.934, 354.286



64, 31.512, 355.180



64, 25.358, 112.514



31, 3.962, 352.100



30, 55.272, 13.373



1, 5.048, 352.550

Previews

White Background



This preview shows how the CIELCh color 54, 17.530, 272.514 looks on a white background.

Color Contrast Check

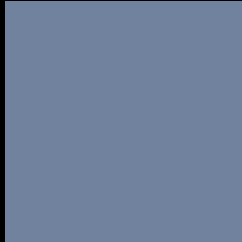
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.530, 272.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

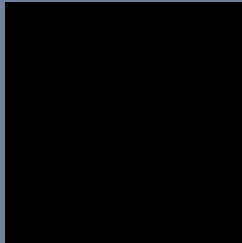
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

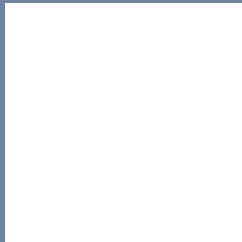
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 17.530, 272.514

Background



This preview shows how black text looks on a background with the CIELCh color 54, 17.530, 272.514.

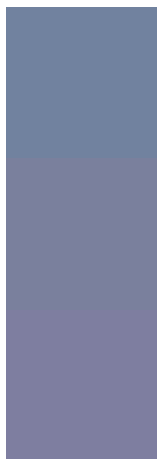


This preview shows how white text looks on a background with the CIELCh color 54, 17.530, 272.514.

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, 17.530, 272.514

Protanopia

54, 16.808, 284.892

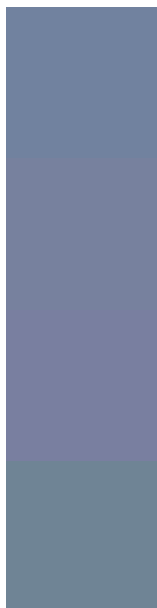
Deuteranopia

54, 19.639, 292.545



Tritanopia
54, 10.028, 233.993

Trichromacy



Original Color
54, 17.530, 272.514

Protanomaly
54, 16.982, 280.195

Deuteranomaly
54, 19.113, 286.146

Tritanomaly
54, 12.145, 253.057

Monochromacy



Original Color
54, 17.530, 272.514

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 6.158, 269.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 17.530, 272.514 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(113, 130, 159)` looks like.

```
.text, #text, p{  
    color:rgb(113, 130, 159)  
}
```

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(113, 130, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 130, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 17.530, 272.514 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(113, 130, 159) }
```

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

```
.border{ border-color:rgb(113, 130, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 130, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 130, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 130, 159);  
box-shadow:4px 4px 4px 4px rgb(113, 130,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 17.530, 272.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 130, 159) }
```

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

```
.background{ background-color: rgb(113,  
130, 159) }
```

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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