

Converting Colors

CIELCh(54, 58.040, 276.508)

Have a look what the booklet for
CIELCh(54, 58.040, 276.508)
contains.

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Color

CIELCh(54, 58.197, 276.770)

Conversions

Conversions Part 1

Format	Color
Hex	0183E5
RGB	1, 131, 229
RGB Percent	0%, 51%, 90%
CMY	0.9943, 0.4854, 0.1009
CMYK	0.99, 0.43, 0.00, 0.10
HSL	206°, 99%, 45%
HSV	206°, 99%, 90%
XYZ	22.3435, 21.9746, 77.3829
YIQ	103.3020, -108.9380, 2.9180

Conversions

Conversions Part 2

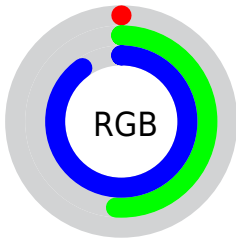
Format	Color
R _Y B	1, 84, 229
Decimal	99301
CIE Lab	54.00, 6.86, -57.79
CIE LCh	54, 58.197, 276.770
Yxy	21.9746, 0.1836, 0.1806
Android (android.graphics.Color)	4278289381 (0xFF0183E5)
YUV	103.3020, 61.9691, -89.7189
Hunter-Lab	46.8770, 3.0456, -65.0599

Details

The CIELCh color **54, 58.197, 276.770** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **58, 81.231, 54.803**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 42.940, 265.524**, and **36, 55.936, 285.765** is the 20% darker color. If you saturate the color by 10%, you get **54, 58.537, 277.068**, and if you desaturate by 10%, it is **57, 52.974, 271.863**.

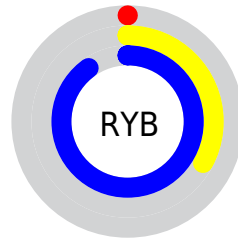
Distribution



Red (0%)

Green (51%)

Blue (90%)



Red (0%)

Yellow (33%)

Blue (90%)

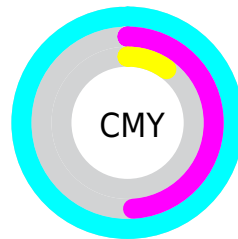


Cyan (99%)

Magenta (43%)

Yellow (0%)

Black (10%)



Cyan (99%)

Magenta (49%)


Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 58.197, 276.770 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, 58.197, 276.770 by changing the saturation by 10% instead.


 54, 58.197,
276.770


 54, 58.197,
276.770


 100, 58.197,
276.770

 44, 58.197,
276.770


 74, 58.197,
276.770

 34, 58.197,
276.770

 84, 58.197,
276.770

 24, 58.197,
276.770

 94, 58.197,
276.770

 14, 58.197,
276.770

 4, 58.197, 276.770

 0, 58.197, 276.770

■ 54, 58.197,
276.770

■ 54, 58.197,
276.770

■ 54, 58.537,
277.068

■ 57, 52.974,
271.863

■ 60, 47.855,
267.204

■ 64, 42.667,
263.043

■ 67, 37.284,
259.450

■ 71, 31.634,
256.418

■ 75, 25.696,
253.896

■ 79, 19.483,
251.813

■ 83, 13.029,

250.099

■ 87, 6.377, 248.707

Harmonies

Complementary

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



54, 58.197, 276.770



58, 81.231, 54.803

Rectangle

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



54, 58.197, 276.770



54, 58.197, 326.770



54, 58.197, 96.770



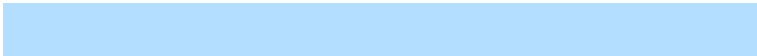
54, 58.197, 146.770

Sweetspot

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



54, 58.196, 276.772



87, 21.669, 251.966



80, 89.392, 145.131



44, 14.685, 252.814



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 58.196, 276.772



59, 63.774, 277.379



30, 119.293, 305.356



46, 3.869, 248.718



42, 47.849, 276.197



10, 17.588, 266.930

Inverse Universe

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



50, 79.447, 355.881



55, 86.067, 356.324



83, 84.091, 97.185



45, 6.138, 340.778



39, 66.080, 355.463



7, 28.426, 349.856

Previews

White Background



This preview shows how the CIE LCh color 54, 58.197, 276.770 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, 58.197, 276.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

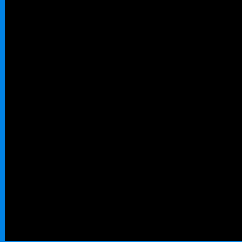
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

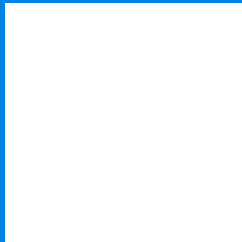
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 58.197, 276.770

Background



This preview shows how black text looks on a background with the CIELCh color 54, 58.197, 276.770.




This preview shows how white text looks on a background with the CIELCh color 54, 58.197, 276.770.

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





Tritanopia
54, 31.565, 206.186

Trichromacy



Original Color
54, 58.189, 276.799

Protanomaly
53, 57.441, 281.198

Deuteranomaly
54, 58.563, 277.925

Tritanomaly
54, 34.425, 241.525

Monochromacy



Original Color
54, 58.189, 276.799

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 24.983, 258.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 58.197, 276.770 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(1, 131, 229)` looks like.

```
.text, #text, p{  
    color:rgb(1, 131, 229)  
}
```

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(1, 131, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 131, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 58.197, 276.770 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(1, 131, 229) }
```

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

```
.border{ border-color:rgb(1, 131, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 131, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 131, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 131, 229);  
box-shadow:4px 4px 4px 4px rgb(1, 131,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 58.197, 276.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 131, 229) }
```

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

```
.background{ background-color: rgb(1, 131,  
229) }
```

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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