

Converting Colors

CIELCh(54, 36.559, 265.524)

Have a look what the booklet for
CIELCh(54, 36.559, 265.524)
contains.

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Color

CIELCh(54, 36.669, 265.425)

Conversions

Conversions Part 1

Format	Color
Hex	4386C0
RGB	67, 134, 192
RGB Percent	26%, 53%, 75%
CMY	0.7382, 0.4753, 0.2479
CMYK	0.65, 0.30, 0.00, 0.25
HSL	208°, 50%, 51%
HSV	208°, 65%, 75%
XYZ	20.2846, 21.9746, 52.9144
YIQ	120.5790, -58.5500, 3.8340

Conversions

Conversions Part 2

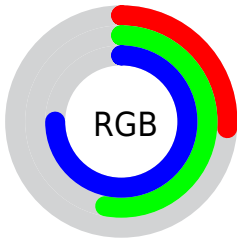
Format	Color
R _Y B	67, 111, 192
Decimal	4425408
CIE Lab	54.00, -2.92, -36.55
CIE LCh	54, 36.669, 265.425
Yxy	21.9746, 0.2131, 0.2309
Android (android.graphics.Color)	4282615488 (0xFF4386C0)
YUV	120.5790, 35.2106, -46.9888
Hunter-Lab	46.8770, -4.7943, -34.1122

Details

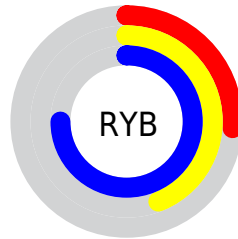
The CIELCh color **54, 36.669, 265.425** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **58, 46.440, 63.767**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 36.752, 265.671**, and **35, 35.514, 268.759** is the 20% darker color. If you saturate the color by 10%, you get **51, 41.712, 269.252**, and if you desaturate by 10%, it is **57, 31.497, 262.125**.

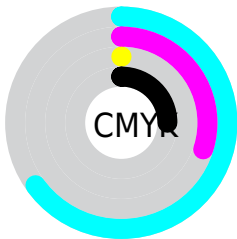
Distribution



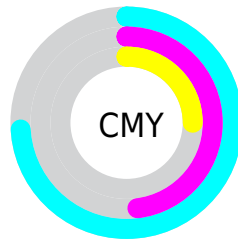
- Red (26%)
- Green (53%)
- Blue (75%)



- Red (26%)
- Yellow (44%)
- Blue (75%)



- Cyan (65%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)





- Cyan (74%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 36.669, 265.425 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, 36.669, 265.425 by changing the saturation by 10% instead.


 54, 36.669,
265.425


 54, 36.669,
265.425


 100, 36.669,
265.425

 44, 36.669,
265.425


 74, 36.669,
265.425

 34, 36.669,
265.425

 84, 36.669,
265.425

 24, 36.669,
265.425

 94, 36.669,
265.425

 14, 36.669,
265.425

 4, 36.669, 265.425

 0, 36.669, 265.425

■ 54, 36.669,
265.425

■ 54, 36.669,
265.425

■ 51, 41.712,
269.252

■ 57, 31.497,
262.125

■ 48, 46.713,
273.563

■ 61, 26.154,
259.331

■ 45, 51.781,
278.223

■ 64, 20.628,
256.991

■ 43, 54.299,
280.408

■ 68, 14.931,
255.041

■ 72, 9.090, 253.424

■ 76, 3.134, 252.136

■ 79, 2.905, 70.728

■ 83, 8.999, 69.840

■ 87, 15.124, 69.023

Harmonies

Complementary

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



54, 36.669, 265.425



58, 46.440, 63.767

Rectangle

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



54, 36.669, 265.425



54, 36.669, 315.425



54, 36.669, 85.425



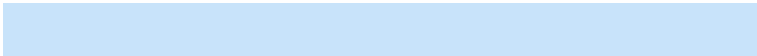
54, 36.669, 135.425

Sweetspot

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



54, 36.668, 265.426



89, 14.766, 254.215



70, 55.917, 153.644



46, 10.045, 254.687



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



54, 36.668, 265.426



64, 53.374, 270.950



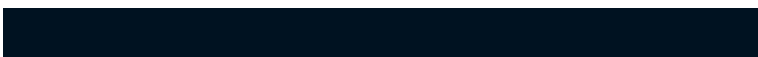
37, 72.220, 299.014



39, 3.438, 252.625



36, 47.036, 279.729



5, 12.330, 266.156

Inverse Universe

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



48, 57.244, 349.200



58, 78.972, 352.205



74, 59.966, 101.747



38, 5.218, 342.456



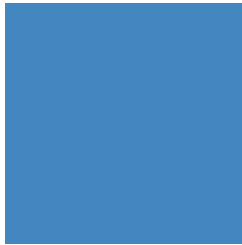
34, 60.542, 358.152



3, 16.168, 350.148

Previews

White Background



This preview shows how the CIE LCh color 54, 36.669, 265.425 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, 36.669, 265.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

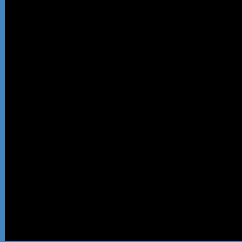
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 36.669, 265.425

Background



This preview shows how black text looks on a background with the CIELCh color 54, 36.669, 265.425.

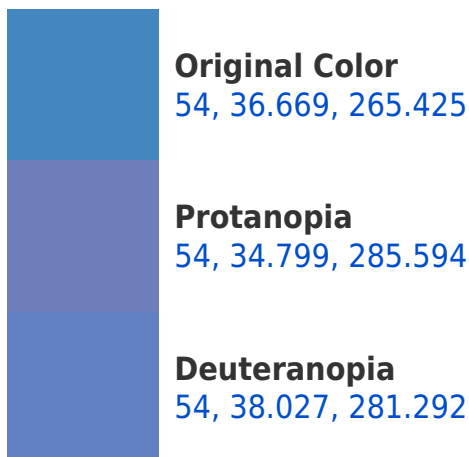


This preview shows how white text looks on a background with the CIELCh color 54, 36.669, 265.425.

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, 27.422, 211.813

Trichromacy



Original Color
54, 36.669, 265.425

Protanomaly
54, 35.013, 277.126

Deuteranomaly
54, 37.590, 275.678

Tritanomaly
54, 27.831, 235.027

Monochromacy



Original Color
54, 36.669, 265.425

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 14.584, 256.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 36.669, 265.425 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(67, 134, 192)` looks like.

```
.text, #text, p{  
    color:rgb(67, 134, 192)  
}
```

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(67, 134, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 134, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 36.669, 265.425 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(67, 134, 192) }
```

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

```
.border{ border-color:rgb(67, 134, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 134, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 134, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 134, 192);  
box-shadow:4px 4px 4px 4px rgb(67, 134,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 36.669, 265.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 134, 192) }
```

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

```
.background{ background-color: rgb(67, 134,  
192) }
```

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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