

Converting Colors

CIELCh(69, 45.630, 267.433)

Have a look what the booklet for
CIELCh(69, 45.630, 267.433)
contains.

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Color

CIELCh(69, 45.755, 267.356)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 5BAEFB |
| RGB | 91, 174, 251 |
| RGB Percent | 36%, 68%, 98% |
| CMY | 0.6442, 0.3185, 0.0166 |
| CMYK | 0.64, 0.31, 0.00, 0.02 |
| HSL | 209°, 95%, 67% |
| HSV | 209°, 64%, 98% |
| XYZ | 36.7531, 39.3444, 96.7216 |
| YIQ | 157.9610, -74.1850, 6.3510 |

Conversions

Conversions Part 2

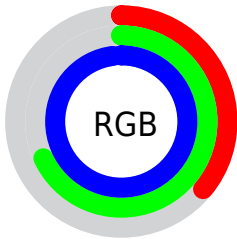
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 91, 146, 251 |
| Decimal | 6008571 |
| CIE Lab | 69.00, -2.11, -45.71 |
| CIE LCh | 69, 45.755, 267.356 |
| Yxy | 39.3444, 0.2127, 0.2277 |
| Android (android.graphics.Color) | 4284198651 (0xFF5BAEFB) |
| YUV | 157.9610, 45.8682, -58.7248 |
| Hunter-Lab | 62.7251, -5.1788, -47.5171 |

Details

The CIELCh color **69, 45.755, 267.356** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **76, 56.515, 65.449**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 26.021, 229.929**, and **49, 45.400, 268.352** is the 20% darker color. If you saturate the color by 10%, you get **65, 52.348, 271.212**, and if you desaturate by 10%, it is **73, 39.044, 264.027**.

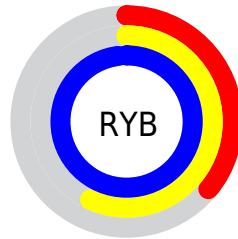
Distribution



Red (36%)

Green (68%)

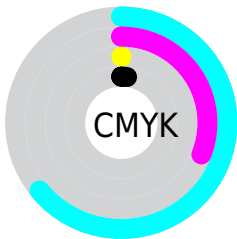
Blue (98%)



Red (36%)

Yellow (57%)

Blue (98%)

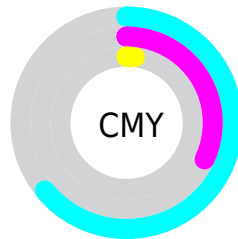


Cyan (64%)

Magenta (31%)

Yellow (0%)

Black (2%)



Cyan (64%)


Magenta (32%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 45.755, 267.356 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 69, 45.755, 267.356 by changing the saturation by 10% instead.


 69, 45.755,
267.356


 69, 45.755,
267.356


 100, 45.755,
267.356


 59, 45.755,
267.356


 89, 45.755,
267.356

 49, 45.755,
267.356

 99, 45.755,
267.356

 39, 45.755,
267.356

 29, 45.755,
267.356

 19, 45.755,
267.356

 9, 45.755, 267.356

 0, 45.755, 267.356

69, 45.755,
267.356

69, 45.755,
267.356

65, 52.348,
271.212

73, 39.044,
264.027

61, 58.931,
275.543

78, 32.159,
261.206

57, 65.635,
280.204

82, 25.083,
258.841

55, 69.908,
283.083

87, 17.829,
256.870

92, 10.423,
255.234

97, 2.903, 253.960

100, 2.141,
109.982

Harmonies

Complementary

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



69, 45.755, 267.356



76, 56.515, 65.449

Rectangle

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



69, 45.755, 267.356



69, 45.755, 317.356



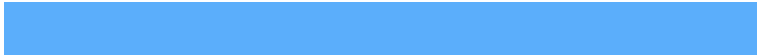
69, 45.755, 87.356



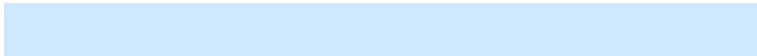
69, 45.755, 137.356

Sweetspot

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



69, 45.754, 267.357



91, 14.472, 256.045



89, 67.109, 154.494



47, 9.938, 256.528



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 45.754, 267.357



65, 55.180, 272.571



49, 89.483, 299.513



50, 4.289, 254.625



42, 55.511, 282.217



12, 22.187, 275.156

Inverse Universe

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



62, 69.180, 350.265



59, 79.154, 353.239



95, 74.026, 102.644



49, 6.358, 343.386



41, 67.812, 0.275



10, 31.255, 354.735

Previews

White Background



This preview shows how the CIE LCh color 69, 45.755, 267.356 looks on a white background.

Color Contrast Check

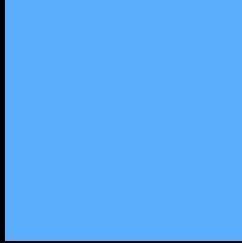
Large Text (above 18pt) WCAG AA × Fail

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 69, 45.755, 267.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

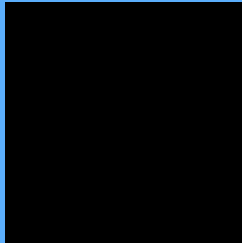
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

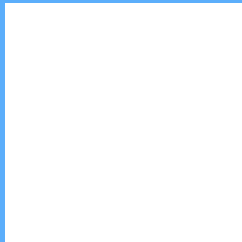
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 45.755, 267.356

Background



This preview shows how black text looks on a background with the CIELCh color 69, 45.755, 267.356.



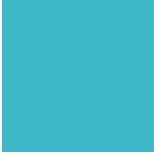
This preview shows how white text looks on a background with the CIELCh color 69, 45.755, 267.356.

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
69, 33.126, 211.601

Trichromacy



Original Color
69, 45.755, 267.356

Protanomaly
69, 43.973, 277.877

Deuteranomaly
69, 47.029, 276.513

Tritanomaly
69, 33.869, 236.177

Monochromacy



Original Color
69, 45.755, 267.356

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 18.139, 258.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 45.755, 267.356 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(91, 174, 251)` looks like.

```
.text, #text, p{  
    color:rgb(91, 174, 251)  
}
```

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(91, 174, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 174, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 45.755, 267.356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

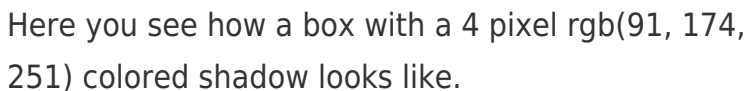
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 174, 251) }
```

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

```
.border{ border-color:rgb(91, 174, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 174, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 174, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 174, 251);  
box-shadow:4px 4px 4px 4px rgb(91, 174,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 45.755, 267.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 174, 251) }
```

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

```
.background{ background-color: rgb(91, 174,  
251) }
```

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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