

Converting Colors

CIELCh(69, 43.655, 266.444)

Have a look what the booklet for
CIELCh(69, 43.655, 266.444)
contains.

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Color

CIELCh(69, 43.655, 266.444)

Conversions

Conversions Part 1

Format	Color
Hex	5FAEF7
RGB	95, 174, 247
RGB Percent	37%, 68%, 97%
CMY	0.6281, 0.3182, 0.0320
CMYK	0.62, 0.30, 0.00, 0.03
HSL	209°, 90%, 67%
HSV	209°, 62%, 97%
XYZ	36.5727, 39.3444, 93.5345
YIQ	158.7010, -70.5170, 5.9550

Conversions

Conversions Part 2

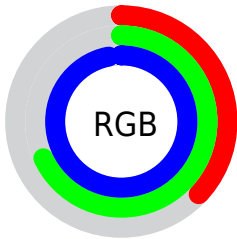
Format	Color
R _Y B	95, 147, 247
Decimal	6270711
CIE Lab	69.00, -2.71, -43.57
CIE LCh	69, 43.655, 266.444
Yxy	39.3444, 0.2158, 0.2322
Android (android.graphics.Color)	4284460791 (0xFF5FAEF7)
YUV	158.7010, 43.5314, -55.8658
Hunter-Lab	62.7251, -5.6922, -44.5046

Details

The CIELCh color **69, 43.655, 266.444** 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 **75, 53.615, 65.662**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 25.360, 230.892**, and **49, 43.508, 266.267** is the 20% darker color. If you saturate the color by 10%, you get **65, 50.167, 270.178**, and if you desaturate by 10%, it is **73, 37.007, 263.237**.

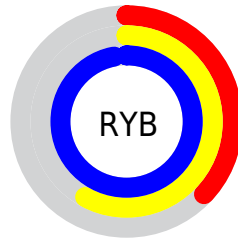
Distribution



Red (37%)

Green (68%)

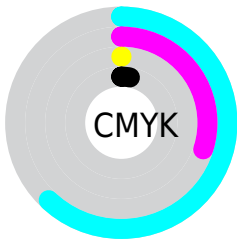
Blue (97%)



Red (37%)

Yellow (58%)

Blue (97%)

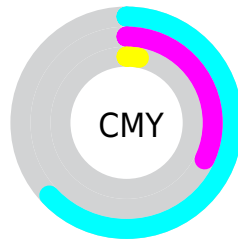


Cyan (62%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (63%)

Magenta (32%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 43.655, 266.444 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, 43.655, 266.444 by changing the saturation by 10% instead.

 69, 43.655,
266.444

 69, 43.655,
266.444

 100, 43.655,
266.444

 59, 43.655,
266.444

 89, 43.655,
266.444

 49, 43.655,
266.444

 99, 43.655,
266.444

 39, 43.655,
266.444

 29, 43.655,
266.444

 19, 43.655,
266.444

 9, 43.655, 266.444

 0, 43.655, 266.444

69, 43.655,
266.444

69, 43.655,
266.444

65, 50.167,
270.178

73, 37.007,
263.237

61, 56.640,
274.407

78, 30.178,
260.527

57, 63.199,
279.012

82, 23.159,
258.260

54, 68.897,
282.949

87, 15.968,
256.372

92, 8.634, 254.809

96, 1.193, 253.802

100, 4.125,
109.851

Harmonies

Complementary

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



69, 43.655, 266.444



75, 53.615, 65.662

Rectangle

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



69, 43.655, 266.444



69, 43.655, 316.444



69, 43.655, 86.444



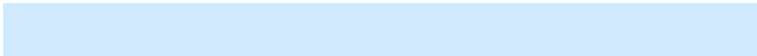
69, 43.655, 136.444

Sweetspot

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



69, 43.654, 266.445



91, 13.711, 255.782



88, 64.332, 154.876



47, 9.506, 256.263



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, 43.654, 266.445



66, 53.106, 271.211



50, 84.949, 298.975



49, 4.214, 254.522



41, 54.801, 282.075



11, 21.401, 274.617

Inverse Universe

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



62, 66.484, 349.777



60, 77.487, 352.420



93, 70.996, 102.831



48, 6.255, 343.337



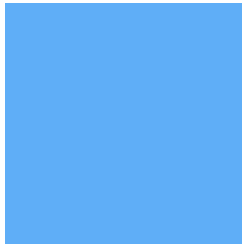
40, 67.149, 0.149



9, 30.454, 354.368

Previews

White Background



This preview shows how the CIELCh color 69, 43.655, 266.444 looks on a white background.

Color Contrast Check

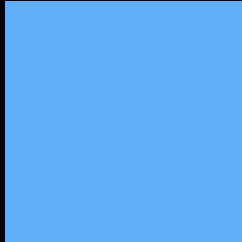
Large Text (above 18pt) WCAG AA × Fail

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, 43.655, 266.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

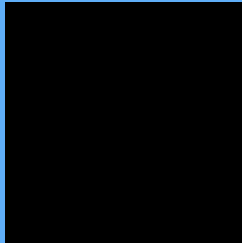
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

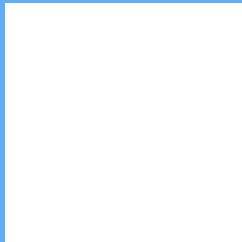
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 43.655, 266.444

Background



This preview shows how black text looks on a background with the CIELCh color 69, 43.655, 266.444.

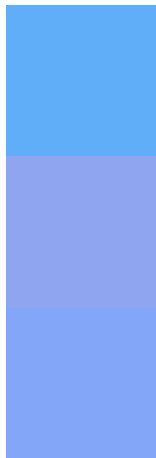


This preview shows how white text looks on a background with the CIELCh color 69, 43.655, 266.444.

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
69, 43.655, 266.444

Protanopia
69, 41.419, 285.553

Deuteranopia
69, 46.110, 282.671



Tritanopia
69, 31.568, 212.449

Trichromacy



Original Color
69, 43.655, 266.444

Protanomaly
69, 41.757, 277.618

Deuteranomaly
69, 44.787, 276.354

Tritanomaly
69, 32.487, 235.638

Monochromacy



Original Color
69, 43.655, 266.444

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 17.373, 258.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 43.655, 266.444 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(95, 174, 247)` looks like.

```
.text, #text, p{  
  color:rgb(95, 174, 247)  
}
```

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(95, 174, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 174, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 43.655, 266.444 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(95, 174, 247) }
```

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

```
.border{ border-color:rgb(95, 174, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 174, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 174, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 174, 247);  
box-shadow:4px 4px 4px 4px rgb(95, 174,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 43.655, 266.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 174, 247) }
```

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

```
.background{ background-color: rgb(95, 174,  
247) }
```

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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