

Converting Colors

CIELCh(69, 44.716, 256.755)

Have a look what the booklet for
CIELCh(69, 44.716, 256.755)
contains.

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Color

CIELCh(69, 44.790, 256.815)

Conversions

Conversions Part 1

Format	Color
Hex	3AB2F7
RGB	58, 178, 247
RGB Percent	23%, 70%, 97%
CMY	0.7739, 0.3028, 0.0323
CMYK	0.77, 0.28, 0.00, 0.03
HSL	202°, 92%, 60%
HSV	202°, 77%, 97%
XYZ	34.3538, 39.3444, 93.5911
YIQ	149.9860, -93.6690, -3.9810

Conversions

Conversions Part 2

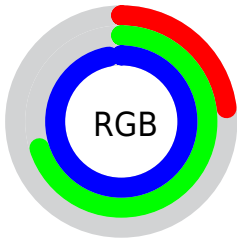
Format	Color
R _{YB}	58, 131, 247
Decimal	3846903
CIE _{Lab}	69.00, -10.22, -43.61
CIE _{LCh}	69, 44.790, 256.815
Yxy	39.3444, 0.2054, 0.2352
Android (android.graphics.Color)	4282036983 (0xFF3AB2F7)
YUV	149.9860, 47.8279, -80.6717
Hunter-Lab	62.7251, -12.0067, -44.5580

Details

The CIELCh color **69, 44.790, 256.815** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **66, 69.955, 53.688**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 31.561, 218.183**, and **50, 41.843, 262.777** is the 20% darker color. If you saturate the color by 10%, you get **66, 48.913, 261.391**, and if you desaturate by 10%, it is **72, 40.351, 252.875**.

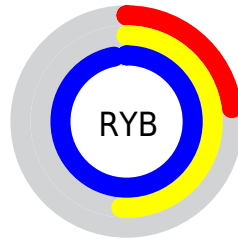
Distribution



Red (23%)

Green (70%)

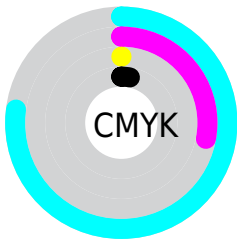
Blue (97%)



Red (23%)

Yellow (51%)

Blue (97%)

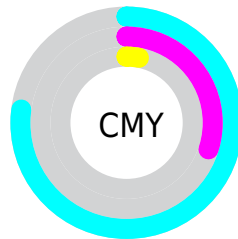


Cyan (77%)

Magenta (28%)

Yellow (0%)

Black (3%)



Cyan (77%)


Magenta (30%)


Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 44.790, 256.815 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, 44.790, 256.815 by changing the saturation by 10% instead.

 69, 44.790,
256.815

 69, 44.790,
256.815


 100, 44.790,
256.815


 59, 44.790,
256.815


 89, 44.790,
256.815

 49, 44.790,
256.815

 99, 44.790,
256.815

 39, 44.790,
256.815

 29, 44.790,
256.815

 19, 44.790,
256.815

 9, 44.790, 256.815

 0, 44.790, 256.815

69, 44.790,
256.815

69, 44.790,
256.815

66, 48.913,
261.391

72, 40.351,
252.875

63, 52.909,
266.480

76, 35.485,
249.576

62, 54.290,
268.195

79, 30.145,
246.866

83, 24.343,
244.663

87, 18.124,
242.885

90, 11.551,
241.458

94, 4.689, 240.357

99, 2.380, 59.416

100, 4.163,
109.848

Harmonies

Complementary

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



69, 44.790, 256.815



66, 69.955, 53.688

Rectangle

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



69, 44.790, 256.815



69, 44.790, 306.815



69, 44.790, 76.815



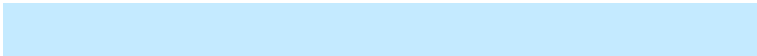
69, 44.790, 126.815

Sweetspot

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



69, 44.789, 256.816



91, 16.194, 242.334



86, 84.713, 147.119



47, 11.123, 242.889



0, 0.000, 0.000



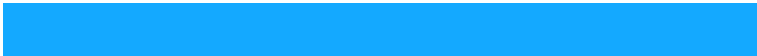
53, 0.007, 296.813

Same Dimension

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



69, 44.789, 256.816



66, 52.408, 264.153



45, 94.231, 298.484



49, 3.970, 240.631



48, 43.393, 267.215



14, 17.664, 259.170

Inverse Universe

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



58, 81.467, 345.149



57, 88.372, 348.409



87, 76.820, 94.516



48, 6.778, 337.689



41, 70.164, 349.948



9, 32.062, 346.136

Previews

White Background



This preview shows how the CIE LCh color 69, 44.790, 256.815 looks on a white background.

Color Contrast Check

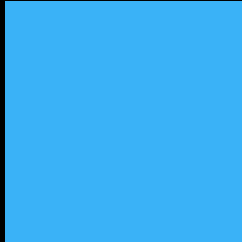
Large Text (above 18pt) WCAG AA × Fail

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, 44.790, 256.815 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

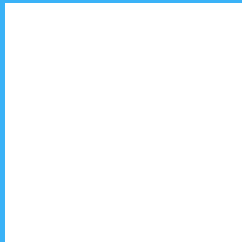
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 44.790, 256.815

Background



This preview shows how black text looks on a background with the CIELCh color 69, 44.790, 256.815.

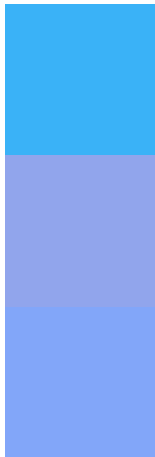


This preview shows how white text looks on a background with the CIELCh color 69, 44.790, 256.815.

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](#).

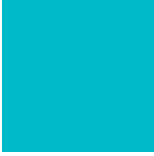
Dichromacy



Original Color
69, 44.790, 256.815

Protanopia
69, 39.245, 285.184

Deuteranopia
69, 46.196, 282.054



Tritanopia
69, 38.136, 209.306

Trichromacy



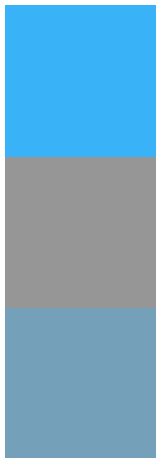
Original Color
69, 44.790, 256.815

Protanomaly
68, 40.699, 271.260

Deuteranomaly
68, 45.195, 271.936

Tritanomaly
69, 38.082, 227.886

Monochromacy



Original Color
69, 44.790, 256.815

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 19.584, 244.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 44.790, 256.815 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(58, 178, 247)` looks like.

```
.text, #text, p{  
    color:rgb(58, 178, 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(58, 178, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 178, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 44.790, 256.815 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(58, 178, 247) }
```

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

```
.border{ border-color:rgb(58, 178, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 178, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 178, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 178, 247);  
box-shadow:4px 4px 4px 4px rgb(58, 178,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 44.790, 256.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 178, 247) }
```

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

```
.background{ background-color: rgb(58, 178,  
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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