

Converting Colors

CIELCh(69, 33.981, 246.077)

Have a look what the booklet for
CIELCh(69, 33.981, 246.077)
contains.

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Color

CIELCh(69, 34.067, 246.508)

Conversions

Conversions Part 1

Format	Color
Hex	57B2E0
RGB	87, 178, 224
RGB Percent	34%, 70%, 88%
CMY	0.6579, 0.3012, 0.1208
CMYK	0.61, 0.21, 0.00, 0.12
HSL	200°, 69%, 61%
HSV	200°, 61%, 88%
XYZ	33.3897, 39.3444, 76.4944
YIQ	156.0350, -69.0020, -4.9860

Conversions

Conversions Part 2

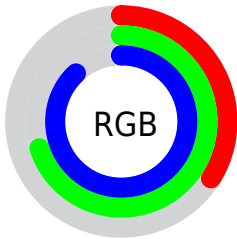
Format	Color
R _Y B	87, 142, 224
Decimal	5747424
CIE Lab	69.00, -13.58, -31.24
CIE LCh	69, 34.067, 246.508
Yxy	39.3444, 0.2237, 0.2637
Android (android.graphics.Color)	4283937504 (0xFF57B2E0)
YUV	156.0350, 33.5067, -60.5437
Hunter-Lab	62.7251, -14.7502, -28.3976

Details

The CIELCh color **69, 34.067, 246.508** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **64, 49.949, 52.084**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 27.650, 221.459**, and **49, 33.956, 248.024** is the 20% darker color. If you saturate the color by 10%, you get **66, 38.046, 249.908**, and if you desaturate by 10%, it is **72, 29.584, 243.724**.

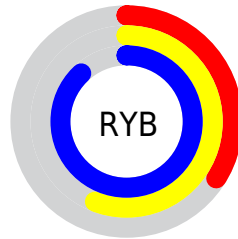
Distribution



Red (34%)

Green (70%)

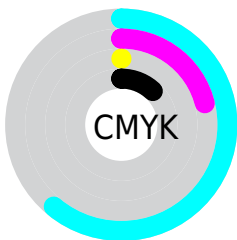
Blue (88%)



Red (34%)

Yellow (56%)

Blue (88%)

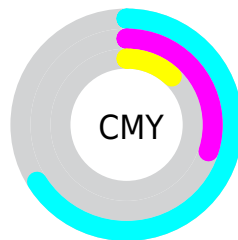


Cyan (61%)

Magenta (21%)

Yellow (0%)

Black (12%)



Cyan (66%)

Magenta (30%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 34.067, 246.508 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, 34.067, 246.508 by changing the saturation by 10% instead.

 69, 34.067,
246.508

 69, 34.067,
246.508

 100, 34.067,
246.508


 59, 34.067,
246.508


 89, 34.067,
246.508

 49, 34.067,
246.508

 99, 34.067,
246.508

 39, 34.067,
246.508

 29, 34.067,
246.508

 19, 34.067,
246.508

 9, 34.067, 246.508

 0, 34.067, 246.508

■ 69, 34.067,
246.508

■ 69, 34.067,
246.508

■ 66, 38.046,
249.908

■ 72, 29.584,
243.724

■ 63, 41.580,
253.974

■ 75, 24.602,
241.474

■ 61, 44.797,
258.685

■ 78, 19.160,
239.670

■ 59, 47.593,
263.216

■ 82, 13.321,
238.233

■ 85, 7.153, 237.107

■ 89, 0.722, 236.835

■ 92, 5.912, 55.263

■ 95, 9.469, 69.750

■ 97, 11.553, 92.685

Harmonies

Complementary

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



69, 34.067, 246.508



64, 49.949, 52.084

Rectangle

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



69, 34.067, 246.508



69, 34.067, 296.508



69, 34.067, 66.508



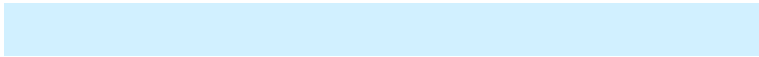
69, 34.067, 116.508

Sweetspot

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



69, 34.066, 246.508



93, 12.701, 237.868



80, 66.263, 149.213



49, 8.769, 238.229



0, 0.000, 0.000



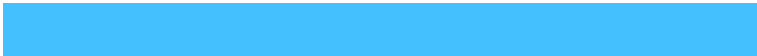
53, 0.007, 296.813

Same Dimension

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



69, 34.066, 246.508



74, 42.920, 250.834



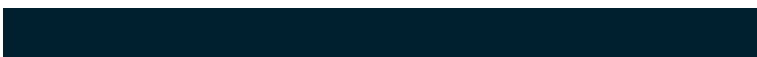
50, 66.343, 293.322



45, 3.675, 236.952



47, 39.323, 262.306



11, 14.784, 252.344

Inverse Universe

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



58, 66.303, 341.169



61, 82.861, 342.826



81, 58.706, 95.245



44, 6.441, 336.409



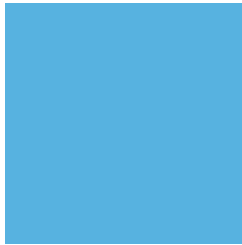
39, 68.420, 347.523



7, 28.734, 343.517

Previews

White Background



This preview shows how the CIELCh color 69, 34.067, 246.508 looks on a white background.

Color Contrast Check

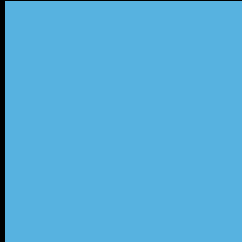
Large Text (above 18pt) WCAG AA × Fail

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, 34.067, 246.508 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

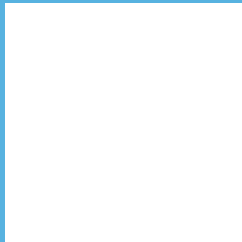
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 34.067, 246.508

Background



This preview shows how black text looks on a background with the CIELCh color 69, 34.067, 246.508.

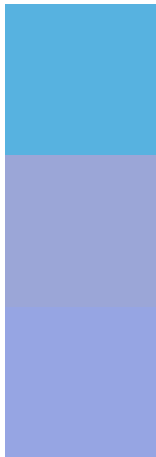


This preview shows how white text looks on a background with the CIELCh color 69, 34.067, 246.508.

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, 34.067, 246.508

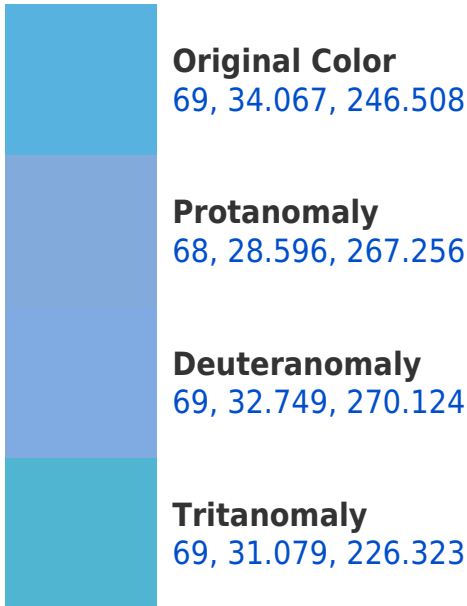
Protanopia
69, 27.067, 285.222

Deuteranopia
69, 34.246, 285.679

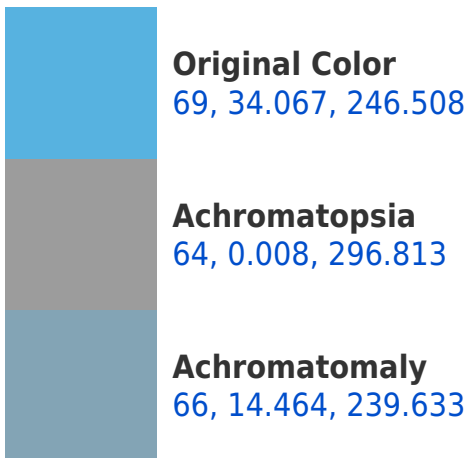


Tritanopia
69, 31.071, 212.733

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 34.067, 246.508 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(87, 178, 224)` looks like.

```
.text, #text, p{  
    color:rgb(87, 178, 224)  
}
```

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(87, 178, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 178, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 34.067, 246.508 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(87, 178, 224) }
```

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

```
.border{ border-color:rgb(87, 178, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 178, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 178, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 178, 224);  
box-shadow:4px 4px 4px 4px rgb(87, 178,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 34.067, 246.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 178, 224) }
```

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

```
.background{ background-color: rgb(87, 178,  
224) }
```

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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