

Converting Colors

CIELCh(69, 24.846, 255.082)

Have a look what the booklet for
CIELCh(69, 24.846, 255.082)
contains.

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Color

CIELCh(69, 24.660, 254.691)

Conversions

Conversions Part 1

Format	Color
Hex	7EAED3
RGB	126, 174, 211
RGB Percent	49%, 68%, 83%
CMY	0.5064, 0.3181, 0.1731
CMYK	0.40, 0.18, 0.00, 0.17
HSL	206°, 49%, 66%
HSV	206°, 40%, 83%
XYZ	35.4372, 39.3444, 67.2659
YIQ	163.8660, -40.4850, 1.3310

Conversions

Conversions Part 2

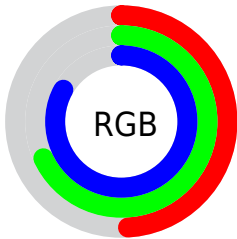
Format	Color
RYB	126, 157, 211
Decimal	8302291
CIELab	69.00, -6.51, -23.78
CIELCh	69, 24.660, 254.691
Yxy	39.3444, 0.2495, 0.2770
Android (android.graphics.Color)	4286492371 (0xFF7EAED3)
YUV	163.8660, 23.2371, -33.2085
Hunter-Lab	62.7251, -8.9234, -19.6745

Details

The CIELCh color `69, 24.660, 254.691` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `71, 29.052, 63.657`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 20.054, 241.477`, and `49, 24.415, 253.903` is the 20% darker color. If you saturate the color by 10%, you get `65, 30.236, 257.242`, and if you desaturate by 10%, it is `73, 18.834, 252.575`.

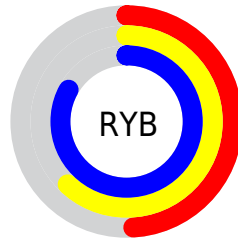
Distribution



Red (49%)

Green (68%)

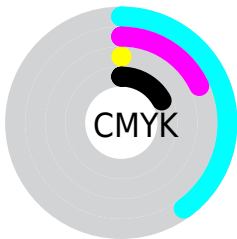
Blue (83%)



Red (49%)

Yellow (62%)

Blue (83%)

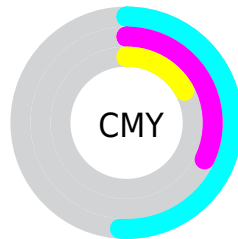


Cyan (40%)

Magenta (18%)

Yellow (0%)

Black (17%)



Cyan (51%)


Magenta (32%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 24.660, 254.691 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, 24.660, 254.691 by changing the saturation by 10% instead.


 69, 24.660,
254.691


 69, 24.660,
254.691


 100, 24.660,
254.691


 59, 24.660,
254.691


 89, 24.660,
254.691

 49, 24.660,
254.691

 99, 24.660,
254.691

 39, 24.660,
254.691

 29, 24.660,
254.691

 19, 24.660,
254.691

 9, 24.660, 254.691

 0, 24.660, 254.691

69, 24.660,
254.691

69, 24.660,
254.691

65, 30.236,
257.242

73, 18.834,
252.575

62, 35.554,
260.301

77, 12.791,
250.831

58, 40.640,
263.914

80, 6.567, 249.408

55, 45.563,
268.083

84, 0.203, 250.270

88, 6.263, 67.043

52, 50.440,
272.727

92, 12.798, 66.221

49, 55.284,
277.408

95, 15.310, 84.736

97, 18.730, 99.921

99, 22.294,
108.489

Harmonies

Complementary

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



69, 24.660, 254.691



71, 29.052, 63.657

Rectangle

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



69, 24.660, 254.691



69, 24.660, 304.691



69, 24.660, 74.691



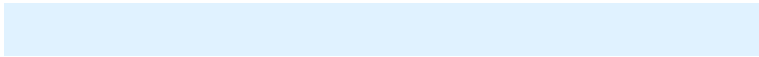
69, 24.660, 124.691

Sweetspot

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



69, 24.659, 254.689



95, 8.903, 249.644



78, 39.704, 156.386



50, 5.897, 249.822



0, 0.000, 0.000



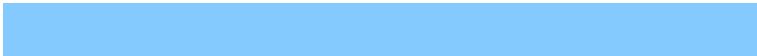
53, 0.007, 296.813

Same Dimension

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



69, 24.659, 254.689



79, 33.771, 256.752



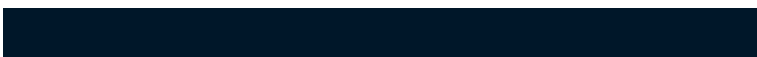
58, 45.135, 293.025



42, 3.594, 249.295



40, 46.093, 276.573



7, 14.831, 265.107

Inverse Universe

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



63, 40.943, 343.999



71, 56.350, 344.991



81, 41.231, 103.217



41, 5.666, 341.015



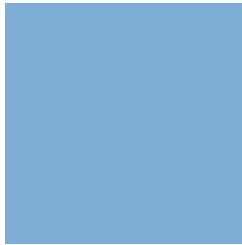
36, 63.195, 355.732



5, 22.555, 349.674

Previews

White Background



This preview shows how the CIE LCh color 69, 24.660, 254.691 looks on a white background.

Color Contrast Check

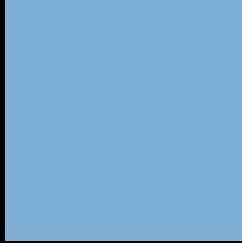
Large Text (above 18pt) WCAG AA × Fail

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, 24.660, 254.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

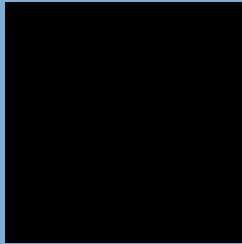
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 24.660, 254.691

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.660, 254.691.



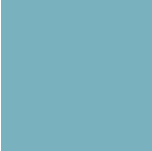
This preview shows how white text looks on a background with the CIELCh color 69, 24.660, 254.691.

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](#).

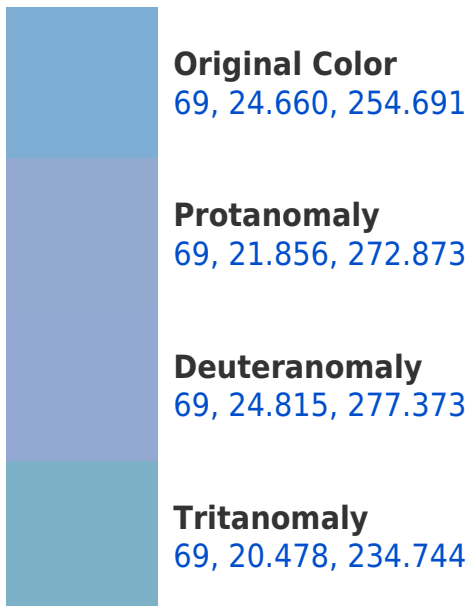
Dichromacy



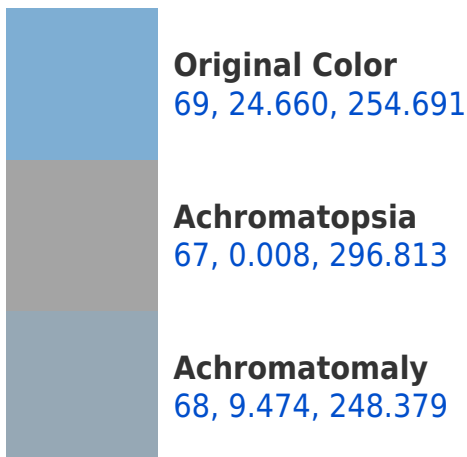


Tritanopia
69, 19.580, 221.392

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.660, 254.691 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(126, 174, 211)` looks like.

```
.text, #text, p{  
    color:rgb(126, 174, 211)  
}
```

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(126, 174, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 174, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.660, 254.691 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(126, 174, 211) }
```

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

```
.border{ border-color:rgb(126, 174, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 174, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 174, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 174, 211);  
box-shadow:4px 4px 4px 4px rgb(126, 174,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.660, 254.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 174, 211) }
```

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

```
.background{ background-color: rgb(126,  
174, 211) }
```

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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