

Converting Colors

CIELCh(69, 24.582, 244.537)

Have a look what the booklet for
CIELCh(69, 24.582, 244.537)
contains.

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Color

CIELCh(69, 24.656, 244.233)

Conversions

Conversions Part 1

Format	Color
Hex	75B0D0
RGB	117, 176, 208
RGB Percent	46%, 69%, 82%
CMY	0.5415, 0.3101, 0.1846
CMYK	0.44, 0.15, 0.00, 0.18
HSL	201°, 49%, 64%
HSV	201°, 44%, 82%
XYZ	34.2088, 39.3444, 65.4107
YIQ	162.0070, -45.4360, -2.5560

Conversions

Conversions Part 2

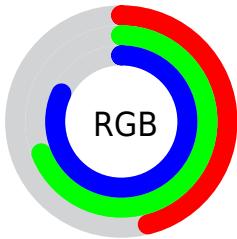
Format	Color
R _{YB}	117, 153, 208
Decimal	7712976
CIE _{Lab}	69.00, -10.72, -22.20
CIE _{LCh}	69, 24.656, 244.233
Y _{xy}	39.3444, 0.2462, 0.2831
Android (android.graphics.Color)	4285903056 (0xFF75B0D0)
Y _{UV}	162.0070, 22.6745, -39.4711
Hunter-Lab	62.7251, -12.4194, -17.9210

Details

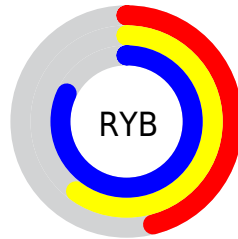
The CIELCh color **69, 24.656, 244.233** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **67, 31.537, 54.540**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 21.704, 232.158**, and **49, 24.650, 244.136** is the 20% darker color. If you saturate the color by 10%, you get **66, 29.340, 246.675**, and if you desaturate by 10%, it is **72, 19.558, 242.256**.

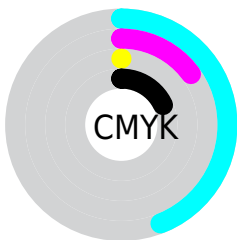
Distribution



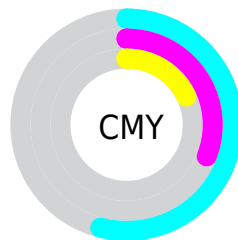
- Red (46%)
- Green (69%)
- Blue (82%)



- Red (46%)
- Yellow (60%)
- Blue (82%)



- Cyan (44%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)




- Cyan (54%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 24.656, 244.233 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, 24.656, 244.233 by changing the saturation by 10% instead.

 69, 24.656,
244.233

 69, 24.656,
244.233


 100, 24.656,
244.233

 59, 24.656,
244.233

 89, 24.656,
244.233

 49, 24.656,
244.233

 99, 24.656,
244.233

 39, 24.656,
244.233

 29, 24.656,
244.233

 19, 24.656,
244.233

 9, 24.656, 244.233

 0, 24.656, 244.233

69, 24.656,
244.233

69, 24.656,
244.233

66, 29.340,
246.675

72, 19.558,
242.256

63, 33.586,
249.671

75, 14.097,
240.667

60, 37.409,
253.289

79, 8.332, 239.402

58, 40.881,
257.556

82, 2.321, 238.512

86, 3.881, 57.328

55, 44.140,
262.413

89, 10.225, 56.716

54, 46.185,
265.552

92, 14.449, 62.818

94, 15.653, 79.473

96, 17.952, 92.709

Harmonies

Complementary

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



69, 24.656, 244.233



67, 31.537, 54.540

Rectangle

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



69, 24.656, 244.233



69, 24.656, 294.233



69, 24.656, 64.233



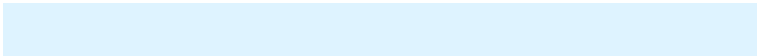
69, 24.656, 114.233

Sweetspot

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



69, 24.655, 244.231



95, 9.297, 239.334



77, 45.407, 152.323



50, 6.478, 239.587



0, 0.000, 0.000



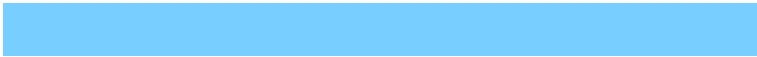
53, 0.007, 296.813

Same Dimension

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



69, 24.655, 244.231



80, 34.149, 246.637



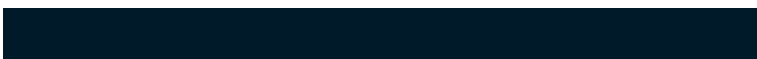
57, 44.194, 289.947



42, 3.477, 238.947



44, 39.079, 264.714



8, 13.319, 252.889

Inverse Universe

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



61, 46.153, 340.046



69, 64.757, 341.089



78, 40.944, 98.325



41, 6.009, 337.089



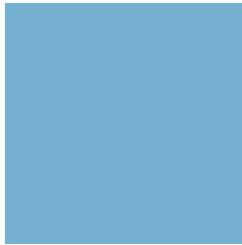
37, 65.666, 348.671



5, 23.801, 344.078

Previews

White Background



This preview shows how the CIELCh color 69, 24.656, 244.233 looks on a white background.

Color Contrast Check

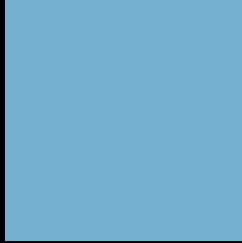
Large Text (above 18pt) WCAG AA × Fail

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, 24.656, 244.233 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, 24.656, 244.233

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.656, 244.233.

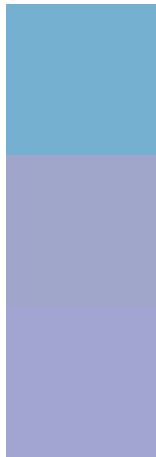


This preview shows how white text looks on a background with the CIELCh color 69, 24.656, 244.233.

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, 24.656, 244.233

Protanopia

69, 19.311, 285.997

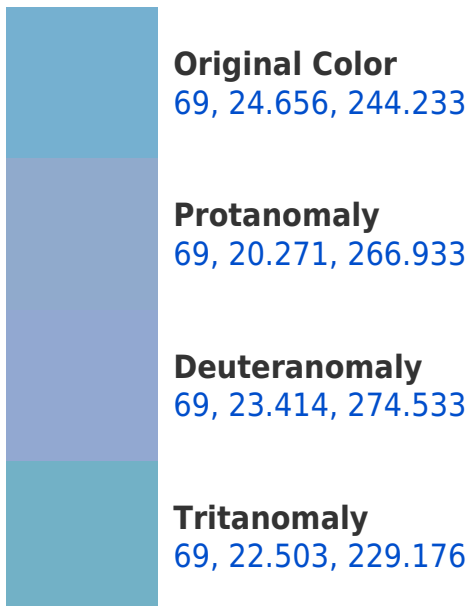
Deuteranopia

69, 25.316, 291.180

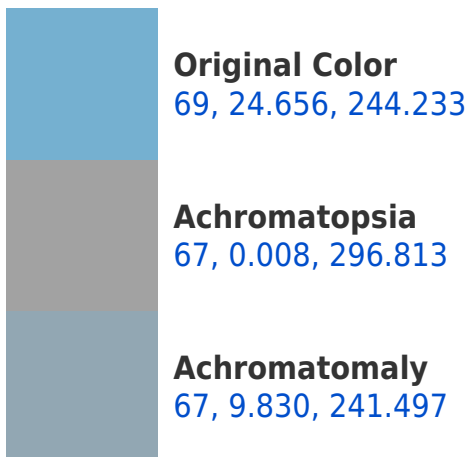


Tritanopia
69, 21.986, 220.110

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.656, 244.233 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(117, 176, 208)` looks like.

```
.text, #text, p{  
    color:rgb(117, 176, 208)  
}
```

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(117, 176, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 176, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.656, 244.233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

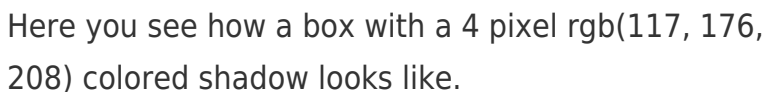
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 176, 208) }
```

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

```
.border{ border-color:rgb(117, 176, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 176, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 176, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 176, 208);  
box-shadow:4px 4px 4px 4px rgb(117, 176,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.656, 244.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 176, 208) }
```

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

```
.background{ background-color: rgb(117,  
176, 208) }
```

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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