

Converting Colors

CIELCh(66, 23.257, 244.751)

Have a look what the booklet for
CIELCh(66, 23.257, 244.751)
contains.

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Color

CIELCh(66, 23.150, 244.735)

Conversions

Conversions Part 1

Format	Color
Hex	71A7C5
RGB	113, 167, 197
RGB Percent	44%, 65%, 77%
CMY	0.5557, 0.3439, 0.2262
CMYK	0.43, 0.15, 0.00, 0.23
HSL	201°, 42%, 61%
HSV	201°, 43%, 77%
XYZ	30.8365, 35.3238, 58.2029
YIQ	154.2740, -41.8140, -2.1180

Conversions

Conversions Part 2

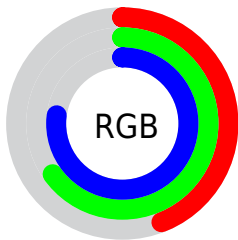
Format	Color
RYB	113, 146, 197
Decimal	7448517
CIELab	66.00, -9.88, -20.94
CIElCh	66, 23.150, 244.735
Yxy	35.3238, 0.2480, 0.2840
Android (android.graphics.Color)	4285638597 (0xFF71A7C5)
YUV	154.2740, 21.0639, -36.1973
Hunter-Lab	59.4338, -11.3967, -16.4584

Details

The CIELCh color **66, 23.150, 244.735** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **64, 29.237, 55.215**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 23.278, 245.133**, and **46, 23.045, 244.865** is the 20% darker color. If you saturate the color by 10%, you get **63, 27.733, 247.127**, and if you desaturate by 10%, it is **69, 18.187, 242.794**.

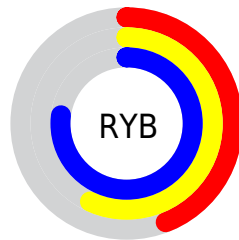
Distribution



Red (44%)

Green (65%)

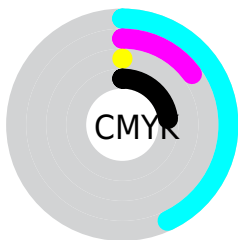
Blue (77%)



Red (44%)

Yellow (57%)

Blue (77%)

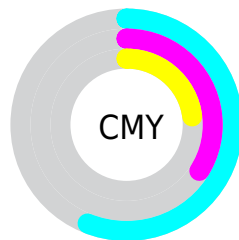


Cyan (43%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (56%)


Magenta (34%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 23.150, 244.735 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 66, 23.150, 244.735 by changing the saturation by 10% instead.


 66, 23.150,
244.735


 66, 23.150,
244.735


 100, 23.150,
244.735


 56, 23.150,
244.735


 86, 23.150,
244.735

 46, 23.150,
244.735

 96, 23.150,
244.735

 36, 23.150,
244.735

 26, 23.150,
244.735

 16, 23.150,
244.735

 6, 23.150, 244.735

 0, 23.150, 244.735

66, 23.150,
244.735

66, 23.150,
244.735

63, 27.733,
247.127

69, 18.187,
242.794

60, 31.911,
250.059

72, 12.892,
241.231

58, 35.693,
253.599

75, 7.321, 239.986

55, 39.141,
257.778

79, 1.527, 239.195

82, 4.439, 57.942

53, 42.379,
262.550

86, 10.533, 57.313

51, 44.788,
266.258

89, 16.716, 56.761

91, 18.211, 67.981

93, 19.567, 80.538

Harmonies

Complementary

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



66, 23.150, 244.735



64, 29.237, 55.215

Rectangle

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



66, 23.150, 244.735



66, 23.150, 294.735



66, 23.150, 64.735



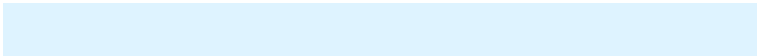
66, 23.150, 114.735

Sweetspot

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



66, 23.149, 244.733



95, 9.310, 240.055



73, 42.397, 152.486



50, 6.488, 240.312



0, 0.000, 0.000



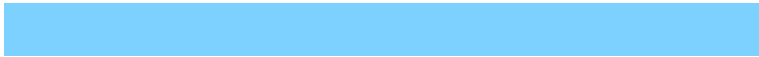
53, 0.007, 296.813

Same Dimension

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



66, 23.149, 244.733



80, 33.214, 246.918



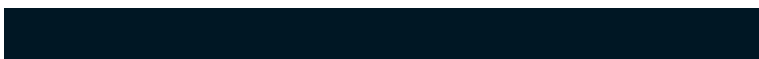
55, 41.099, 289.669



40, 3.341, 239.654



42, 38.543, 265.477



7, 11.930, 253.942

Inverse Universe

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



59, 42.942, 340.188



70, 62.392, 341.151



75, 38.202, 98.479



39, 5.744, 337.334



36, 64.026, 349.050



4, 19.631, 344.121

Previews

White Background



This preview shows how the CIE LCh color 66, 23.150, 244.735 looks on a white background.

Color Contrast Check

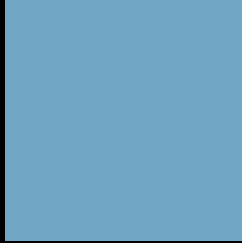
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 23.150, 244.735 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 66, 23.150, 244.735

Background



This preview shows how black text looks on a background with the CIELCh color 66, 23.150, 244.735.



This preview shows how white text looks on a background with the CIELCh color 66, 23.150, 244.735.

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


66, 23.150, 244.735

Protanopia

66, 18.357, 286.664

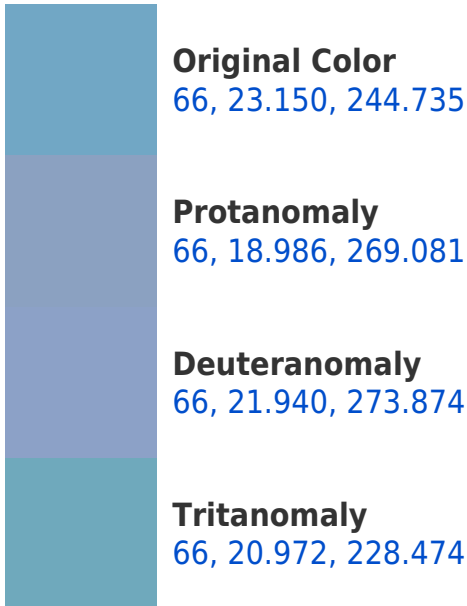
Deuteranopia

66, 23.859, 291.005

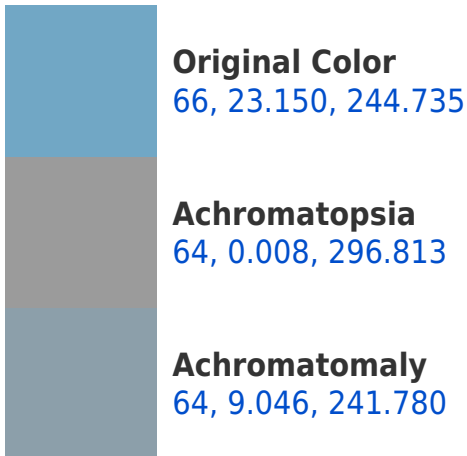


Tritanopia
66, 20.765, 218.379

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 23.150, 244.735 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(113, 167, 197)` looks like.

```
.text, #text, p{  
    color:rgb(113, 167, 197)  
}
```

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(113, 167, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 167, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 23.150, 244.735 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(113, 167, 197) }
```

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

```
.border{ border-color:rgb(113, 167, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 167, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 167, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 167, 197);  
box-shadow:4px 4px 4px 4px rgb(113, 167,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 23.150, 244.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 167, 197) }
```

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

```
.background{ background-color: rgb(113,  
167, 197) }
```

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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