

Converting Colors

CIELCh(66, 24.862, 247.123)

Have a look what the booklet for
CIELCh(66, 24.862, 247.123)
contains.

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Color

CIELCh(66, 25.064, 247.648)

Conversions

Conversions Part 1

Format	Color
Hex	6EA7C9
RGB	110, 167, 201
RGB Percent	43%, 65%, 79%
CMY	0.5673, 0.3438, 0.2105
CMYK	0.45, 0.17, 0.00, 0.21
HSL	202°, 46%, 61%
HSV	202°, 45%, 79%
XYZ	30.9305, 35.3238, 60.6518
YIQ	153.8330, -44.8860, -1.5100

Conversions

Conversions Part 2

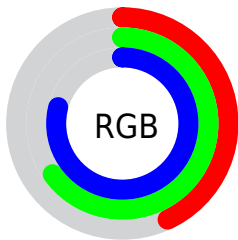
Format	Color
R_{YB}	110, 145, 201
Decimal	7251913
CIE _{Lab}	66.00, -9.53, -23.18
CIE _{LCh}	66, 25.064, 247.648
Yxy	35.3238, 0.2437, 0.2783
Android (android.graphics.Color)	4285441993 (0xFF6EA7C9)
YUV	153.8330, 23.2533, -38.4415
Hunter-Lab	59.4338, -11.1143, -18.9014

Details

The CIELCh color `66, 25.064, 247.648` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `65, 31.792, 56.747`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 23.994, 245.158`, and `46, 25.154, 247.847` is the 20% darker color. If you saturate the color by 10%, you get `63, 29.744, 250.253`, and if you desaturate by 10%, it is `69, 20.018, 245.521`.

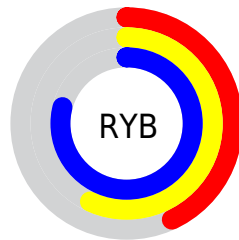
Distribution



Red (43%)

Green (65%)

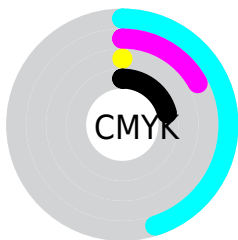
Blue (79%)



Red (43%)

Yellow (57%)

Blue (79%)

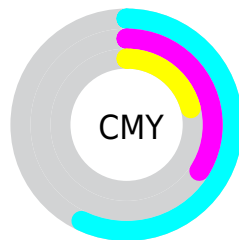


Cyan (45%)

Magenta (17%)

Yellow (0%)

Black (21%)



Cyan (57%)


Magenta (34%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 25.064, 247.648 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, 25.064, 247.648 by changing the saturation by 10% instead.


 66, 25.064,
247.648


 66, 25.064,
247.648


 100, 25.064,
247.648


 56, 25.064,
247.648


 86, 25.064,
247.648

 46, 25.064,
247.648

 96, 25.064,
247.648

 36, 25.064,
247.648

 26, 25.064,
247.648

 16, 25.064,
247.648

 6, 25.064, 247.648

 0, 25.064, 247.648

66, 25.064,
247.648

66, 25.064,
247.648

63, 29.744,
250.253

69, 20.018,
245.521

60, 34.048,
253.416

72, 14.646,
243.796

57, 38.001,
257.193

76, 8.999, 242.405

55, 41.688,
261.588

79, 3.129, 241.351

83, 2.914, 60.101

52, 45.248,
266.509

86, 9.087, 59.432

51, 47.000,
268.883

90, 15.351, 58.808

92, 17.108, 71.496

94, 18.887, 85.175

Harmonies

Complementary

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



66, 25.064, 247.648



65, 31.792, 56.747

Rectangle

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



66, 25.064, 247.648



66, 25.064, 297.648



66, 25.064, 67.648



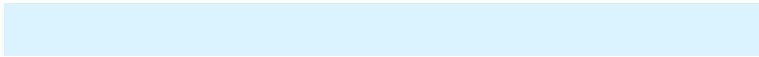
66, 25.064, 117.648

Sweetspot

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



66, 25.063, 247.647



94, 10.058, 242.282



74, 45.003, 152.846



49, 6.918, 242.553



0, 0.000, 0.000



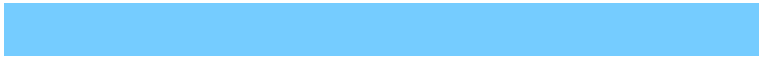
53, 0.007, 296.813

Same Dimension

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



66, 25.063, 247.647



78, 35.298, 250.124



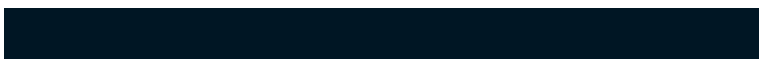
54, 45.492, 291.032



40, 3.356, 241.738



42, 39.774, 268.032



6, 12.133, 256.299

Inverse Universe

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



58, 45.705, 341.289



68, 64.922, 342.368



76, 41.768, 99.144



39, 5.677, 338.077



36, 63.477, 350.386



4, 19.386, 345.151

Previews

White Background



This preview shows how the CIELCh color 66, 25.064, 247.648 looks on a white background.

Color Contrast Check

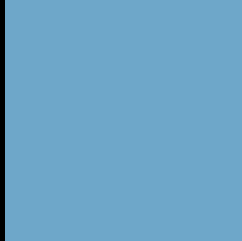
Large Text (above 18pt) WCAG AA × Fail

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, 25.064, 247.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

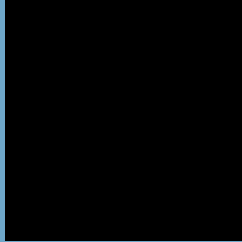
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

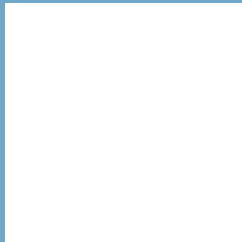
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 25.064, 247.648

Background



This preview shows how black text looks on a background with the CIELCh color 66, 25.064, 247.648.



This preview shows how white text looks on a background with the CIELCh color 66, 25.064, 247.648.

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, 25.064, 247.648

Protanopia

66, 20.612, 285.648

Deuteranopia

66, 26.093, 289.199



Tritanopia
66, 21.873, 218.805

Trichromacy



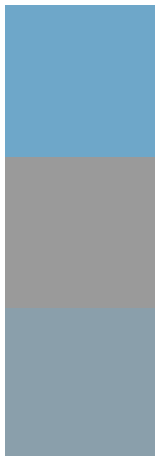
Original Color
66, 25.064, 247.648

Protanomaly
66, 21.318, 269.451

Deuteranomaly
66, 24.266, 273.815

Tritanomaly
66, 22.296, 229.788

Monochromacy



Original Color
66, 25.064, 247.648

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.899, 241.600

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 25.064, 247.648 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(110, 167, 201)` looks like.

```
.text, #text, p{  
    color:rgb(110, 167, 201)  
}
```

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(110, 167, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 167, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 25.064, 247.648 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(110, 167, 201) }
```

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

```
.border{ border-color:rgb(110, 167, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 167, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 167, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 167, 201);  
box-shadow:4px 4px 4px 4px rgb(110, 167,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 25.064, 247.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 167, 201) }
```

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

```
.background{ background-color: rgb(110,  
167, 201) }
```

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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