

Converting Colors

CIELCh(66, 25.229, 241.560)

Have a look what the booklet for
CIELCh(66, 25.229, 241.560)
contains.

CIELCh(66, 25.113, 241.825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 25.113, 241.825)

Conversions

Conversions Part 1

Format	Color
Hex	69A8C7
RGB	105, 168, 199
RGB Percent	41%, 66%, 78%
CMY	0.5866, 0.3396, 0.2180
CMYK	0.47, 0.16, 0.00, 0.22
HSL	200°, 46%, 60%
HSV	200°, 47%, 78%
XYZ	30.3073, 35.3238, 59.5054
YIQ	152.6970, -47.4990, -3.7150

Conversions

Conversions Part 2

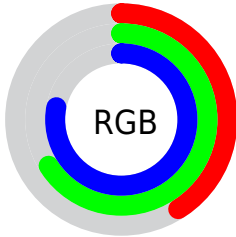
Format	Color
R _Y B	105, 143, 199
Decimal	6924487
CIE Lab	66.00, -11.86, -22.14
CIE LCh	66, 25.113, 241.825
Yxy	35.3238, 0.2422, 0.2823
Android (android.graphics.Color)	4285114567 (0xFF69A8C7)
YUV	152.6970, 22.8274, -41.8303
Hunter-Lab	59.4338, -12.9862, -17.7577

Details

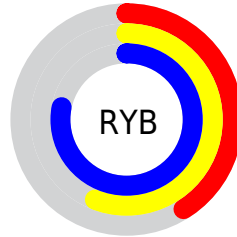
The CIELCh color **66, 25.113, 241.825** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **62, 33.371, 52.132**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 24.839, 241.345**, and **46, 25.081, 241.809** is the 20% darker color. If you saturate the color by 10%, you get **63, 29.345, 244.312**, and if you desaturate by 10%, it is **69, 20.429, 239.822**.

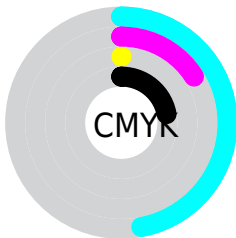
Distribution



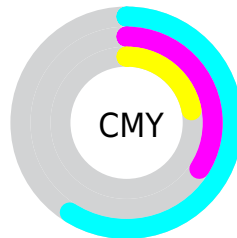
- Red (41%)
- Green (66%)
- Blue (78%)



- Red (41%)
- Yellow (56%)
- Blue (78%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)





- Cyan (59%)
- Magenta (34%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 25.113, 241.825 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, 25.113, 241.825 by changing the saturation by 10% instead.


 66, 25.113,
241.825


 66, 25.113,
241.825


 100, 25.113,
241.825


 56, 25.113,
241.825


 86, 25.113,
241.825

 46, 25.113,
241.825


 96, 25.113,
241.825

 36, 25.113,
241.825

 26, 25.113,
241.825

 16, 25.113,
241.825

 6, 25.113, 241.825

 0, 25.113, 241.825

66, 25.113,
241.825

66, 25.113,
241.825

63, 29.345,
244.312

69, 20.429,
239.822

61, 33.107,
247.374

72, 15.344,
238.222

58, 36.420,
251.078

75, 9.918, 236.954

56, 39.370,
255.445

78, 4.214, 235.992

81, 1.710, 54.766

54, 42.117,
260.378

85, 7.802, 54.325

53, 42.925,
261.781

88, 14.016, 53.817

90, 17.184, 60.382

92, 17.940, 73.452

Harmonies

Complementary

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



66, 25.113, 241.825



62, 33.371, 52.132

Rectangle

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



66, 25.113, 241.825



66, 25.113, 291.825



66, 25.113, 61.825



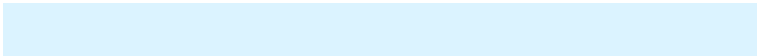
66, 25.113, 111.825

Sweetspot

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



66, 25.112, 241.824



95, 9.953, 236.638



73, 48.346, 150.588



50, 6.840, 236.871



0, 0.000, 0.000



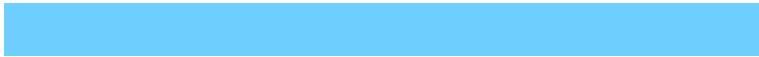
53, 0.007, 296.813

Same Dimension

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



66, 25.112, 241.824



79, 35.645, 244.504



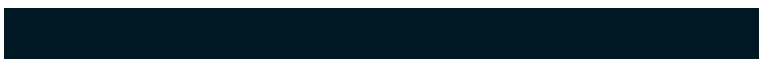
53, 44.401, 288.959



40, 3.327, 236.176



44, 36.681, 260.958



7, 11.633, 249.751

Inverse Universe

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



57, 48.490, 339.314



67, 69.797, 340.430



74, 41.317, 95.895



39, 5.856, 336.142



36, 65.020, 346.913



4, 20.060, 342.424

Previews

White Background



This preview shows how the CIELCh color 66, 25.113, 241.825 looks on a white background.

Color Contrast Check

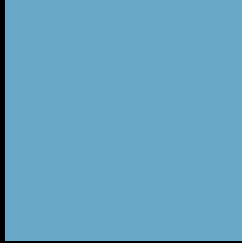
Large Text (above 18pt) WCAG AA × Fail

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 66, 25.113, 241.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

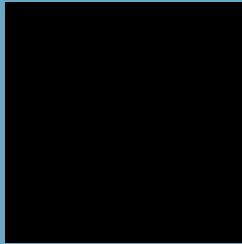
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 25.113, 241.825

Background



This preview shows how black text looks on a background with the CIELCh color 66, 25.113, 241.825.




This preview shows how white text looks on a background with the CIELCh color 66, 25.113, 241.825.

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](#).

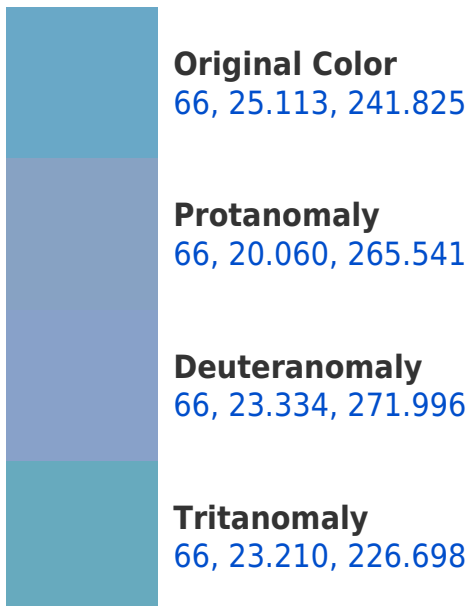
Dichromacy



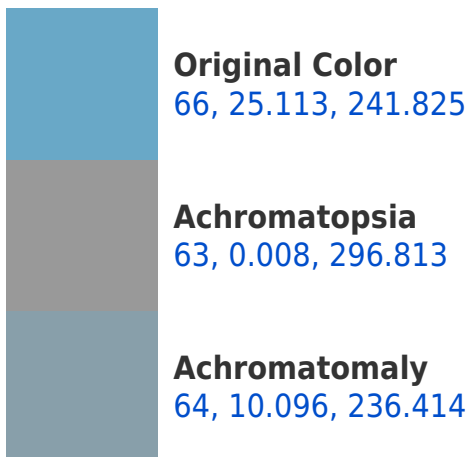


Tritanopia
66, 23.080, 217.560

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 25.113, 241.825 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(105, 168, 199)` looks like.

```
.text, #text, p{  
    color:rgb(105, 168, 199)  
}
```

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(105, 168, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 168, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 25.113, 241.825 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(105, 168, 199) }
```

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

```
.border{ border-color:rgb(105, 168, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 168, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 168, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 168, 199);  
box-shadow:4px 4px 4px 4px rgb(105, 168,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 25.113, 241.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 168, 199) }
```

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

```
.background{ background-color: rgb(105,  
168, 199) }
```

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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