

Converting Colors

CIELCh(66, 32.420, 260.106)

Have a look what the booklet for
CIELCh(66, 32.420, 260.106)
contains.

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Color

CIELCh(66, 32.393, 260.163)

Conversions

Conversions Part 1

Format	Color
Hex	69A6D9
RGB	105, 166, 217
RGB Percent	41%, 65%, 85%
CMY	0.5879, 0.3487, 0.1487
CMYK	0.52, 0.23, 0.00, 0.15
HSL	207°, 60%, 63%
HSV	207°, 52%, 85%
XYZ	32.0217, 35.3238, 70.8331
YIQ	153.5750, -52.7270, 2.9290

Conversions

Conversions Part 2

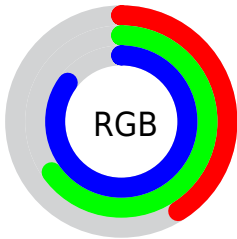
Format	Color
RYB	105, 144, 217
Decimal	6923993
CIELab	66.00, -5.53, -31.92
CIELCh	66, 32.393, 260.163
Yxy	35.3238, 0.2317, 0.2556
Android (android.graphics.Color)	4285114073 (0xFF69A6D9)
YUV	153.5750, 31.2685, -42.6003
Hunter-Lab	59.4338, -7.8372, -29.0580

Details

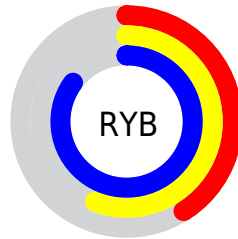
The CIELCh color `66, 32.393, 260.163` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `69, 39.415, 64.488`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 24.903, 244.757`, and `46, 32.557, 260.559` is the 20% darker color. If you saturate the color by 10%, you get `62, 38.058, 263.321`, and if you desaturate by 10%, it is `70, 26.508, 257.510`.

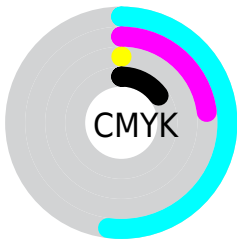
Distribution



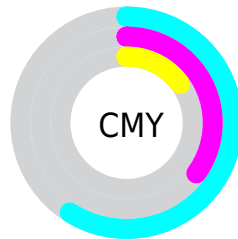
- Red (41%)
- Green (65%)
- Blue (85%)



- Red (41%)
- Yellow (56%)
- Blue (85%)



- Cyan (52%)
- Magenta (23%)
- Yellow (0%)
- Black (15%)





- Cyan (59%)
- Magenta (35%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 32.393, 260.163 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, 32.393, 260.163 by changing the saturation by 10% instead.


 66, 32.393,
260.163


 66, 32.393,
260.163


 100, 32.393,
260.163


 56, 32.393,
260.163


 86, 32.393,
260.163

 46, 32.393,
260.163

 96, 32.393,
260.163

 36, 32.393,
260.163

 26, 32.393,
260.163

 16, 32.393,
260.163

 6, 32.393, 260.163

 0, 32.393, 260.163

66, 32.393,
260.163

66, 32.393,
260.163

62, 38.058,
263.321

70, 26.508,
257.510

59, 43.543,
267.020

74, 20.405,
255.300

55, 48.925,
271.244

78, 14.107,
253.468

52, 54.328,
275.889

82, 7.648, 251.959

50, 59.006,
279.881

86, 1.063, 251.023

90, 5.611, 69.465

94, 11.851, 71.393

97, 14.750, 94.796

99, 19.168,
108.727

Harmonies

Complementary

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



66, 32.393, 260.163



69, 39.415, 64.488

Rectangle

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



66, 32.393, 260.163



66, 32.393, 310.163



66, 32.393, 80.163



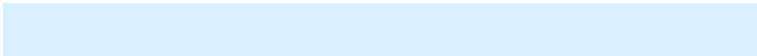
66, 32.393, 130.163

Sweetspot

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



66, 32.392, 260.163



93, 11.242, 252.459



79, 50.434, 155.672



49, 7.654, 252.777



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, 32.392, 260.163



72, 43.588, 263.657



51, 61.713, 296.004



44, 3.785, 251.677



40, 49.198, 279.091



8, 16.871, 268.791

Inverse Universe

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



60, 52.251, 346.577



64, 69.444, 348.290



83, 54.061, 102.923



43, 5.811, 342.038



37, 64.157, 357.639



6, 25.573, 351.315

Previews

White Background



This preview shows how the CIE LCh color 66, 32.393, 260.163 looks on a white background.

Color Contrast Check

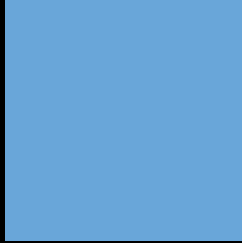
Large Text (above 18pt) WCAG AA × Fail

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, 32.393, 260.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

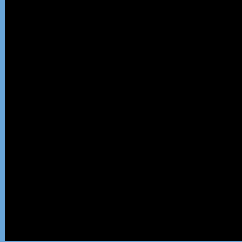
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 32.393, 260.163

Background



This preview shows how black text looks on a background with the CIELCh color 66, 32.393, 260.163.

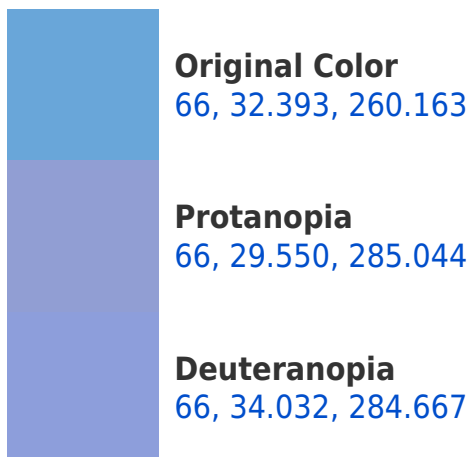


This preview shows how white text looks on a background with the CIELCh color 66, 32.393, 260.163.

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, 24.928, 215.893

Trichromacy



Original Color
66, 32.393, 260.163

Protanomaly
66, 29.980, 274.405

Deuteranomaly
66, 32.697, 275.522

Tritanomaly
66, 25.696, 233.914

Monochromacy



Original Color
66, 32.393, 260.163

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 12.885, 254.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 32.393, 260.163 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, 166, 217)` looks like.

```
.text, #text, p{  
    color:rgb(105, 166, 217)  
}
```

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, 166, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 166, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 32.393, 260.163 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, 166, 217) }
```

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

```
.border{ border-color:rgb(105, 166, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 166, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 166, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 166, 217);  
box-shadow:4px 4px 4px 4px rgb(105, 166,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 32.393, 260.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 166, 217) }
```

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

```
.background{ background-color: rgb(105,  
166, 217) }
```

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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