

Converting Colors

CIELCh(66, 46.719, 260.888)

Have a look what the booklet for
CIELCh(66, 46.719, 260.888)
contains.

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Color

CIELCh(66, 46.681, 260.709)

Conversions

Conversions Part 1

Format	Color
Hex	30A9F3
RGB	48, 169, 243
RGB Percent	19%, 66%, 95%
CMY	0.8105, 0.3387, 0.0486
CMYK	0.80, 0.30, 0.00, 0.05
HSL	203°, 89%, 57%
HSV	203°, 80%, 95%
XYZ	31.4720, 35.3238, 89.6421
YIQ	141.2570, -95.8700, -2.6380

Conversions

Conversions Part 2

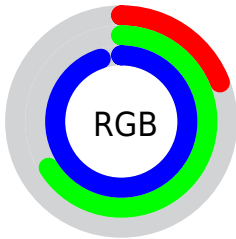
Format	Color
RYB	48, 123, 243
Decimal	3189235
CIELab	66.00, -7.54, -46.07
CIELCh	66, 46.681, 260.709
Yxy	35.3238, 0.2012, 0.2258
Android (android.graphics.Color)	4281379315 (0xFF30A9F3)
YUV	141.2570, 50.1593, -81.7864
Hunter-Lab	59.4338, -9.4882, -47.8214

Details

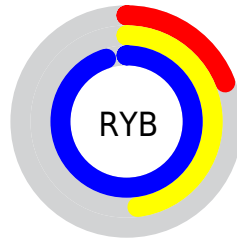
The CIELCh color **66, 46.681, 260.709** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **64, 72.012, 54.655**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 32.034, 228.750**, and **47, 43.891, 268.164** is the 20% darker color. If you saturate the color by 10%, you get **63, 51.001, 265.486**, and if you desaturate by 10%, it is **69, 42.155, 256.513**.

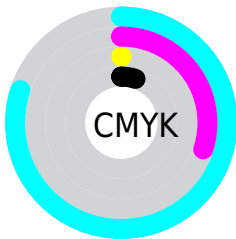
Distribution



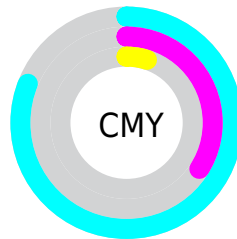
- Red (19%)
- Green (66%)
- Blue (95%)



- Red (19%)
- Yellow (48%)
- Blue (95%)



- Cyan (80%)
- Magenta (30%)
- Yellow (0%)
- Black (5%)





- Cyan (81%)
- Magenta (34%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 46.681, 260.709 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, 46.681, 260.709 by changing the saturation by 10% instead.


 66, 46.681,
260.709


 66, 46.681,
260.709


 100, 46.681,
260.709


 56, 46.681,
260.709


 86, 46.681,
260.709

 46, 46.681,
260.709

 96, 46.681,
260.709

 36, 46.681,
260.709

 26, 46.681,
260.709

 16, 46.681,
260.709

 6, 46.681, 260.709

 0, 46.681, 260.709

■ 66, 46.681,
260.709

■ 66, 46.681,
260.709

■ 63, 51.001,
265.486

■ 69, 42.155,
256.513

■ 60, 55.305,
270.546

■ 73, 37.286,
252.947

■ 76, 32.004,
249.985

■ 80, 26.297,
247.556

■ 84, 20.195,
245.580

■ 88, 13.748,
243.981

■ 92, 7.018, 242.705

■ 96, 0.065, 249.768

Harmonies

Complementary

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



66, 46.681, 260.709



64, 72.012, 54.655

Rectangle

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



66, 46.681, 260.709



66, 46.681, 310.709



66, 46.681, 80.709



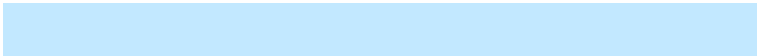
66, 46.681, 130.709

Sweetspot

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



66, 46.680, 260.710



90, 16.982, 244.577



85, 85.090, 147.123



47, 11.584, 245.157



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, 46.680, 260.710



64, 55.714, 268.653



41, 99.386, 300.059



49, 3.989, 242.640



47, 44.771, 269.627



13, 18.096, 261.599

Inverse Universe

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



56, 81.287, 346.825



56, 87.834, 350.737



86, 78.778, 95.286



48, 6.702, 338.416



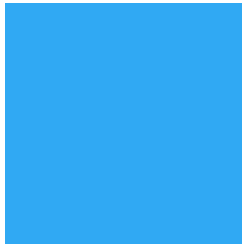
41, 69.601, 351.274



9, 31.797, 347.201

Previews

White Background



This preview shows how the CIE LCh color 66, 46.681, 260.709 looks on a white background.

Color Contrast Check

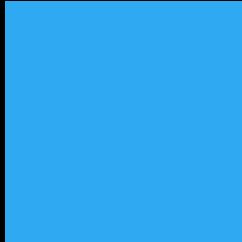
Large Text (above 18pt) WCAG AA × Fail

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, 46.681, 260.709 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

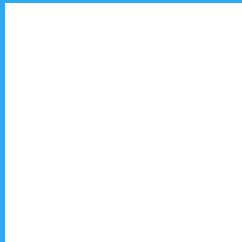
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 46.681, 260.709

Background



This preview shows how black text looks on a background with the CIELCh color 66, 46.681, 260.709.



This preview shows how white text looks on a background with the CIELCh color 66, 46.681, 260.709.

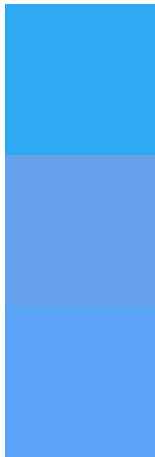
Color Blindness Simulation

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



Trichromacy



Original Color
66, 46.727, 260.603

Protanomaly
65, 43.509, 273.522

Deuteranomaly
66, 47.239, 272.225

Monochromacy



Original Color
66, 46.727, 260.603

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 20.390, 247.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 46.681, 260.709 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(48, 169, 243)` looks like.

```
.text, #text, p{  
    color:rgb(48, 169, 243)  
}
```

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(48, 169, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 169, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 46.681, 260.709 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(48, 169, 243) }
```

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

```
.border{ border-color:rgb(48, 169, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 169, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 169, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 169, 243);  
box-shadow:4px 4px 4px 4px rgb(48, 169,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 46.681, 260.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 169, 243) }
```

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

```
.background{ background-color: rgb(48, 169,  
243) }
```

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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