

Converting Colors

CIELCh(68, 47.525, 260.335)

Have a look what the booklet for
CIELCh(68, 47.525, 260.335)
contains.

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Color

CIELCh(68, 47.723, 260.623)

Conversions

Conversions Part 1

Format	Color
Hex	32AEFA
RGB	50, 174, 250
RGB Percent	20%, 68%, 98%
CMY	0.8021, 0.3167, 0.0186
CMYK	0.80, 0.30, 0.00, 0.02
HSL	203°, 95%, 59%
HSV	203°, 80%, 98%
XYZ	33.8157, 37.9720, 96.2017
YIQ	145.5880, -98.3000, -2.6520

Conversions

Conversions Part 2

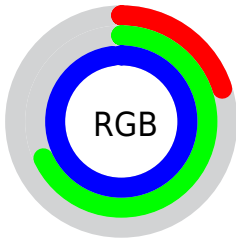
Format	Color
RYB	50, 127, 250
Decimal	3321594
CIELab	68.00, -7.78, -47.09
CIElCh	68, 47.723, 260.623
Yxy	37.9720, 0.2013, 0.2260
Android (android.graphics.Color)	4281511674 (0xFF32AEFA)
YUV	145.5880, 51.4751, -83.8307
Hunter-Lab	61.6215, -9.8831, -49.4268

Details

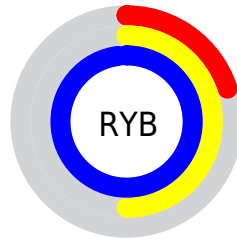
The CIELCh color **68, 47.723, 260.623** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **66, 73.615, 54.649**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 31.867, 223.298**, and **49, 44.926, 267.835** is the 20% darker color. If you saturate the color by 10%, you get **65, 52.150, 265.403**, and if you desaturate by 10%, it is **71, 43.082, 256.428**.

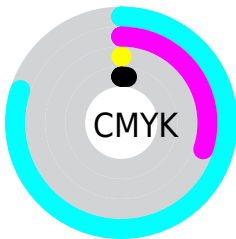
Distribution



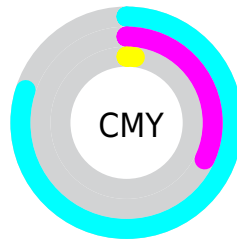
- Red (20%)
- Green (68%)
- Blue (98%)



- Red (20%)
- Yellow (50%)
- Blue (98%)



- Cyan (80%)
- Magenta (30%)
- Yellow (0%)
- Black (2%)



- Cyan (80%)
- Magenta (32%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 47.723, 260.623 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 68, 47.723, 260.623 by changing the saturation by 10% instead.


 68, 47.723,
260.623

 68, 47.723,
260.623


 100, 47.723,
260.623


 58, 47.723,
260.623


 88, 47.723,
260.623

 48, 47.723,
260.623

 98, 47.723,
260.623

 38, 47.723,
260.623

 28, 47.723,
260.623

 18, 47.723,
260.623

 8, 47.723, 260.623

 0, 47.723, 260.623

■ 68, 47.723,
260.623

■ 68, 47.723,
260.623

■ 65, 52.150,
265.403

■ 71, 43.082,
256.428

■ 62, 56.590,
270.523

■ 75, 38.087,
252.866

■ 62, 56.667,
270.606

■ 78, 32.666,
249.908

■ 82, 26.808,
247.485

■ 86, 20.544,
245.515

■ 90, 13.928,
243.920

■ 94, 7.021, 242.650

■ 98, 0.115, 56.792

100, 2.393,
109.967

Harmonies

Complementary

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



68, 47.723, 260.623



66, 73.615, 54.649

Rectangle

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



68, 47.723, 260.623



68, 47.723, 310.623



68, 47.723, 80.623



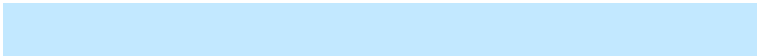
68, 47.723, 130.623

Sweetspot

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



68, 47.722, 260.624



90, 16.980, 244.547



87, 87.024, 147.145



47, 11.582, 245.127



0, 0.000, 0.000



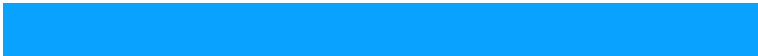
53, 0.007, 296.813

Same Dimension

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



68, 47.722, 260.624



64, 55.690, 268.620



43, 101.595, 300.028



50, 4.057, 242.613



47, 45.238, 269.646



14, 18.685, 262.024

Inverse Universe

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



58, 83.180, 346.786



56, 87.844, 350.718



89, 80.583, 95.298



49, 6.818, 338.407



41, 70.305, 351.285



10, 32.639, 347.394

Previews

White Background



This preview shows how the CIE LCh color 68, 47.723, 260.623 looks on a white background.

Color Contrast Check

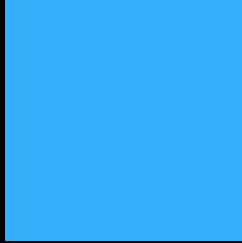
Large Text (above 18pt) WCAG AA × Fail

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 68, 47.723, 260.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

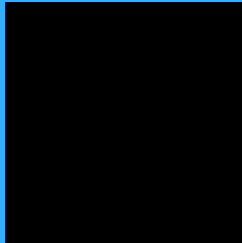
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

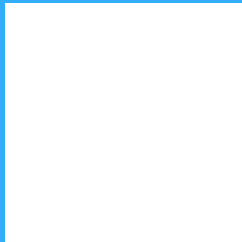
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 47.723, 260.623

Background



This preview shows how black text looks on a background with the CIELCh color 68, 47.723, 260.623.

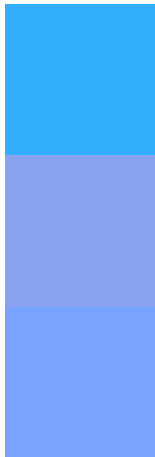


This preview shows how white text looks on a background with the CIELCh color 68, 47.723, 260.623.

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
68, 47.723, 260.623

Protanopia
68, 43.221, 285.477

Deuteranopia
68, 49.767, 281.304



Tritanopia
68, 37.707, 208.609

Trichromacy



Original Color
68, 47.723, 260.623

Protanomaly
67, 44.883, 274.004

Deuteranomaly
68, 48.588, 272.697

Tritanomaly
68, 37.935, 229.132

Monochromacy



Original Color
68, 47.723, 260.623

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 20.887, 247.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 47.723, 260.623 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(50, 174, 250)` looks like.

```
.text, #text, p{  
    color:rgb(50, 174, 250)  
}
```

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(50, 174, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 174, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 47.723, 260.623 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(50, 174, 250) }
```

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

```
.border{ border-color:rgb(50, 174, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 174, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 174, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 174, 250);  
box-shadow:4px 4px 4px 4px rgb(50, 174,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 47.723, 260.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 174, 250) }
```

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

```
.background{ background-color: rgb(50, 174,  
250) }
```

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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