

Converting Colors

CIELCh(67, 44.347, 253.391)

Have a look what the booklet for
CIELCh(67, 44.347, 253.391)
contains.

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Color

CIELCh(67, 44.534, 253.820)

Conversions

Conversions Part 1

Format	Color
Hex	22ADEF
RGB	34, 173, 239
RGB Percent	13%, 68%, 94%
CMY	0.8666, 0.3200, 0.0611
CMYK	0.86, 0.28, 0.00, 0.06
HSL	199°, 87%, 54%
HSV	199°, 86%, 94%
XYZ	31.3186, 36.6320, 87.4022
YIQ	138.9630, -104.0300, -8.9420

Conversions

Conversions Part 2

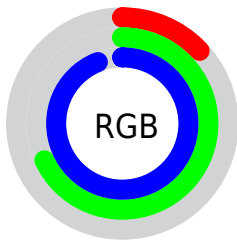
Format	Color
R_{YB}	34, 117, 239
Decimal	2272751
CIE _{Lab}	67.00, -12.41, -42.77
CIE _{LCh}	67, 44.534, 253.820
Yxy	36.6320, 0.2016, 0.2358
Android (android.graphics.Color)	4280462831 (0xFF22ADEF)
YUV	138.9630, 49.3182, -92.0526
Hunter-Lab	60.5244, -13.5519, -43.2527

Details

The CIELCh color **67, 44.534, 253.820** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **60, 78.635, 49.822**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 33.490, 222.925**, and **48, 40.770, 262.957** is the 20% darker color. If you saturate the color by 10%, you get **65, 47.546, 258.784**, and if you desaturate by 10%, it is **70, 41.233, 249.480**.

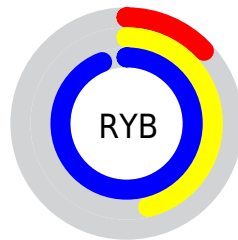
Distribution



Red (13%)

Green (68%)

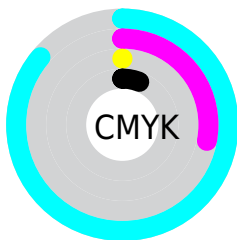
Blue (94%)



Red (13%)

Yellow (46%)

Blue (94%)

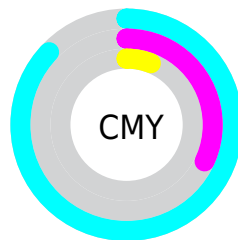


Cyan (86%)

Magenta (28%)

Yellow (0%)

Black (6%)



Cyan (87%)

Magenta (32%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 44.534, 253.820 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 67, 44.534, 253.820 by changing the saturation by 10% instead.

 67, 44.534,
253.820

 67, 44.534,
253.820

 100, 44.534,
253.820

 57, 44.534,
253.820

 87, 44.534,
253.820

 47, 44.534,
253.820

 97, 44.534,
253.820

 37, 44.534,
253.820

 27, 44.534,
253.820

 17, 44.534,
253.820

 7, 44.534, 253.820

 0, 44.534, 253.820

67, 44.534,
253.820

67, 44.534,
253.820

65, 47.546,
258.784

70, 41.233,
249.480

64, 48.822,
260.935

72, 37.473,
245.826

75, 33.158,
242.825

79, 28.270,
240.403

82, 22.840,
238.466

85, 16.929,
236.929

89, 10.615,
235.721

92, 3.972, 234.834

Harmonies

Complementary

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



67, 44.534, 253.820



60, 78.635, 49.822

Rectangle

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



67, 44.534, 253.820



67, 44.534, 303.820



67, 44.534, 73.820



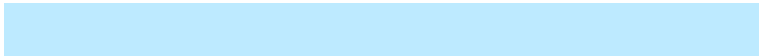
67, 44.534, 123.820

Sweetspot

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



67, 44.533, 253.821



90, 17.950, 236.970



84, 91.958, 144.138



47, 12.055, 237.468



0, 0.000, 0.000



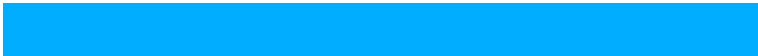
53, 0.007, 296.813

Same Dimension

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



67, 44.533, 253.821



67, 51.310, 261.128



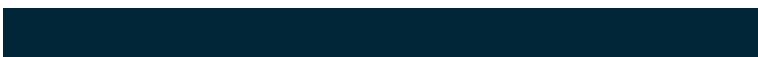
40, 99.527, 299.715



48, 3.874, 235.113



50, 39.637, 259.989



14, 16.134, 251.645

Inverse Universe

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



55, 85.211, 343.984



56, 90.743, 346.989



82, 78.441, 91.026



47, 6.870, 335.798



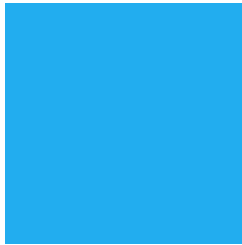
41, 71.177, 346.488



9, 31.968, 343.201

Previews

White Background



This preview shows how the CIE LCh color 67, 44.534, 253.820 looks on a white background.

Color Contrast Check

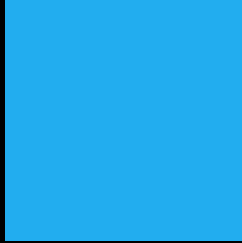
Large Text (above 18pt) WCAG AA × Fail

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 67, 44.534, 253.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

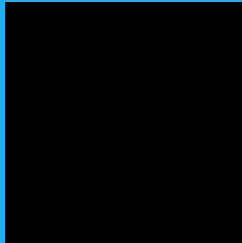
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

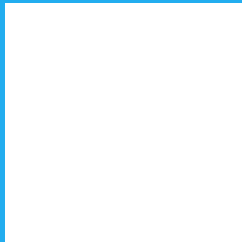
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 44.534, 253.820

Background



This preview shows how black text looks on a background with the CIELCh color 67, 44.534, 253.820.

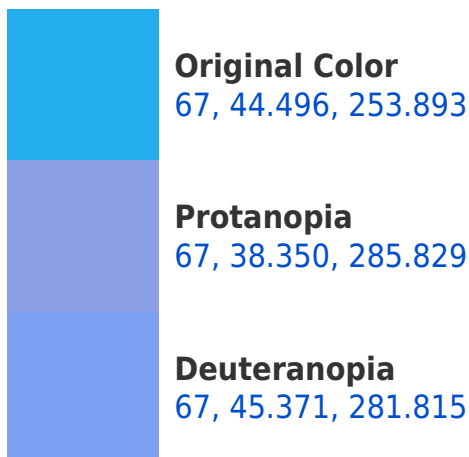


This preview shows how white text looks on a background with the CIELCh color 67, 44.534, 253.820.

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
67, 37.239, 208.804

Trichromacy



Original Color
67, 44.496, 253.893



Protanomaly
66, 40.291, 269.309



Deuteranomaly
66, 44.413, 269.132



Tritanomaly
67, 37.439, 226.631

Monochromacy



Original Color
67, 44.496, 253.893



Achromatopsia
58, 0.007, 296.813



Achromatomaly
60, 20.763, 239.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 44.534, 253.820 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(34, 173, 239)` looks like.

```
.text, #text, p{  
    color:rgb(34, 173, 239)  
}
```

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(34, 173, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 173, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 44.534, 253.820 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(34, 173, 239) }
```

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

```
.border{ border-color:rgb(34, 173, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 173, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 173, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 173, 239);  
box-shadow:4px 4px 4px 4px rgb(34, 173,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 44.534, 253.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 173, 239) }
```

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

```
.background{ background-color: rgb(34, 173,  
239) }
```

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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