

Converting Colors

CIELCh(67, 35.311, 227.203)

Have a look what the booklet for
CIELCh(67, 35.311, 227.203)
contains.

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Color

CIELCh(67, 35.373, 227.620)

Conversions

Conversions Part 1

Format	Color
Hex	2CB1D1
RGB	44, 177, 209
RGB Percent	17%, 69%, 82%
CMY	0.8267, 0.3055, 0.1800
CMYK	0.79, 0.15, 0.00, 0.18
HSL	192°, 65%, 50%
HSV	192°, 79%, 82%
XYZ	28.3099, 36.6320, 65.9670
YIQ	140.8810, -89.5400, -18.2440

Conversions

Conversions Part 2

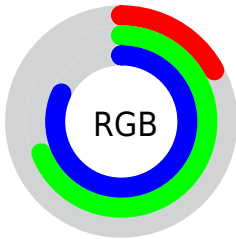
Format	Color
RYB	44, 118, 209
Decimal	2929105
CIELab	67.00, -23.84, -26.13
CIELCh	67, 35.373, 227.620
Yxy	36.6320, 0.2163, 0.2798
Android (android.graphics.Color)	4281119185 (0xFF2CB1D1)
YUV	140.8810, 33.5827, -84.9646
Hunter-Lab	60.5244, -22.4253, -22.2546

Details

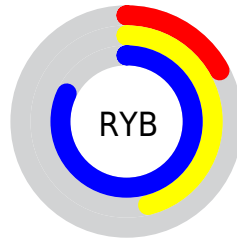
The CIELCh color **67, 35.373, 227.620** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **51, 68.370, 41.911**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 33.993, 217.494**, and **48, 30.045, 233.841** is the 20% darker color. If you saturate the color by 10%, you get **66, 36.793, 230.623**, and if you desaturate by 10%, it is **69, 33.220, 225.212**.

Distribution



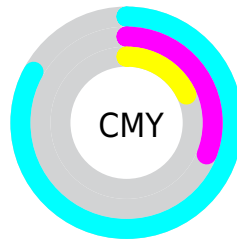
- Red (17%)
- Green (69%)
- Blue (82%)



- Red (17%)
- Yellow (46%)
- Blue (82%)



- Cyan (79%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)





- Cyan (83%)
- Magenta (31%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 35.373, 227.620 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, 35.373, 227.620 by changing the saturation by 10% instead.

 67, 35.373,
227.620


 67, 35.373,
227.620


 100, 35.373,
227.620


 57, 35.373,
227.620


 87, 35.373,
227.620

 47, 35.373,
227.620

 97, 35.373,
227.620

 37, 35.373,
227.620

 27, 35.373,
227.620

 17, 35.373,
227.620

 7, 35.373, 227.620

 0, 35.373, 227.620

67, 35.373,
227.620

67, 35.373,
227.620

66, 36.793,
230.623

69, 33.220,
225.212

64, 37.661,
234.204

70, 30.286,
223.327

64, 37.754,
234.620

72, 26.584,
221.882

74, 22.173,
220.797

77, 17.140,
220.005

79, 11.582,
219.450

82, 5.595, 219.113

84, 0.732, 37.996

Harmonies

Complementary

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



67, 35.373, 227.620



51, 68.370, 41.911

Rectangle

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



67, 35.373, 227.620



67, 35.373, 277.620



67, 35.373, 47.620



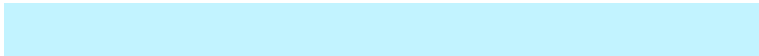
67, 35.373, 97.620

Sweetspot

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



67, 35.372, 227.620



93, 17.014, 219.723



74, 85.831, 141.328



49, 11.543, 219.940



0, 0.000, 0.000



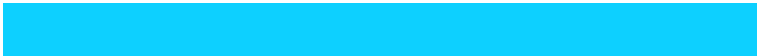
53, 0.007, 296.813

Same Dimension

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



67, 35.372, 227.620



78, 43.482, 233.183



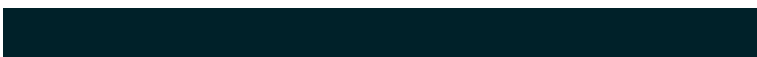
44, 67.285, 290.422



43, 3.577, 219.125



52, 32.082, 233.978



11, 12.201, 225.824

Inverse Universe

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



50, 80.829, 335.850



58, 98.963, 337.484



68, 62.790, 81.427



41, 6.724, 330.874



38, 72.889, 337.717



5, 26.781, 335.374

Previews

White Background



This preview shows how the CIE LCh color 67, 35.373, 227.620 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, 35.373, 227.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

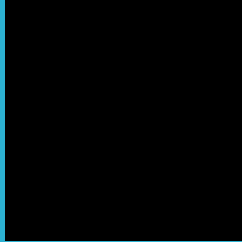
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 35.373, 227.620

Background



This preview shows how black text looks on a background with the CIELCh color 67, 35.373, 227.620.

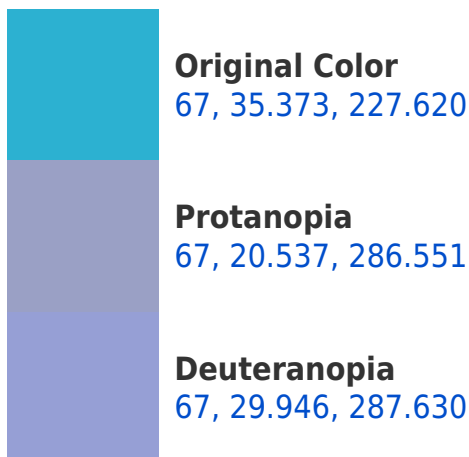


This preview shows how white text looks on a background with the CIELCh color 67, 35.373, 227.620.

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, 36.132, 209.258

Trichromacy



Original Color
67, 35.373, 227.620



Protanomaly
66, 24.613, 251.086



Deuteranomaly
66, 29.401, 259.473



Tritanomaly
67, 35.541, 215.243

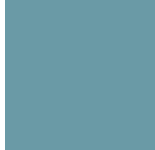
Monochromacy



Original Color
67, 35.373, 227.620



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 17.287, 221.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 35.373, 227.620 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(44, 177, 209)` looks like.

```
.text, #text, p{  
    color:rgb(44, 177, 209)  
}
```

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(44, 177, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 177, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 35.373, 227.620 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(44, 177, 209) }
```

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

```
.border{ border-color:rgb(44, 177, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 177, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 177, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 177, 209);  
box-shadow:4px 4px 4px 4px rgb(44, 177,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 35.373, 227.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 177, 209) }
```

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

```
.background{ background-color: rgb(44, 177,  
209) }
```

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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