

Converting Colors

CIELCh(78, 30.503, 213.939)

Have a look what the booklet for
CIELCh(78, 30.503, 213.939)
contains.

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Color

CIELCh(78, 30.321, 214.037)

Conversions

Conversions Part 1

Format	Color
Hex	6ACDFD
RGB	106, 207, 223
RGB Percent	42%, 81%, 87%
CMY	0.5830, 0.1870, 0.1242
CMYK	0.52, 0.07, 0.00, 0.12
HSL	188°, 65%, 65%
HSV	188°, 52%, 88%
XYZ	41.7385, 53.2120, 78.1131
YIQ	178.6250, -65.3320, -16.4360

Conversions

Conversions Part 2

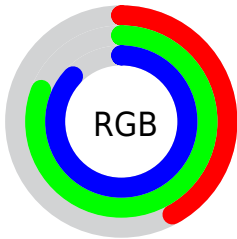
Format	Color
RYB	106, 160, 223
Decimal	7000031
CIELab	78.00, -25.13, -16.97
CIELCh	78, 30.321, 214.037
Yxy	53.2120, 0.2412, 0.3075
Android (android.graphics.Color)	4285190111 (0xFF6ACFDf)
YUV	178.6250, 21.8769, -63.6921
Hunter-Lab	72.9466, -25.5224, -12.4267

Details

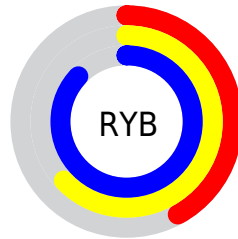
The CIELCh color **78, 30.321, 214.037** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **62, 45.773, 34.910**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.089, 197.686**, and **58, 30.305, 214.679** is the 20% darker color. If you saturate the color by 10%, you get **76, 33.905, 215.018**, and if you desaturate by 10%, it is **80, 25.885, 213.337**.

Distribution



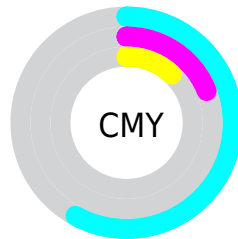
- Red (42%)
- Green (81%)
- Blue (87%)



- Red (42%)
- Yellow (63%)
- Blue (87%)



- Cyan (52%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)





- Cyan (58%)
- Magenta (19%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 30.321, 214.037 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 78, 30.321, 214.037 by changing the saturation by 10% instead.


 78, 30.321,
214.037


 78, 30.321,
214.037


 100, 30.321,
214.037


 68, 30.321,
214.037


 98, 30.321,
214.037

 58, 30.321,
214.037

 48, 30.321,
214.037

 38, 30.321,
214.037

 28, 30.321,
214.037

 18, 30.321,
214.037

 8, 30.321, 214.037

0, 30.321, 214.037

78, 30.321,
214.037

78, 30.321,
214.037

76, 33.905,
215.018

80, 25.885,
213.337

75, 36.579,
216.345

82, 20.690,
212.874

74, 38.339,
218.073

84, 14.848,
212.603

73, 39.251,
220.255

86, 8.472, 212.499

72, 39.542,
222.187

88, 1.671, 212.771

91, 5.457, 32.374

93, 10.032, 35.947

■ 94, 9.559, 46.735

■ 94, 9.456, 58.173

Harmonies

Complementary

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



78, 30.321, 214.037



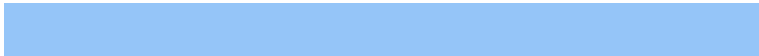
62, 45.773, 34.910

Rectangle

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



78, 30.321, 214.037



78, 30.321, 264.037



78, 30.321, 34.037



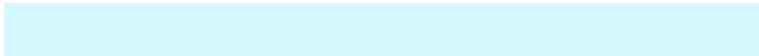
78, 30.321, 84.037

Sweetspot

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



78, 30.321, 214.035



96, 12.061, 212.518



80, 66.996, 143.661



51, 8.091, 212.539



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 30.321, 214.035



86, 37.849, 215.145



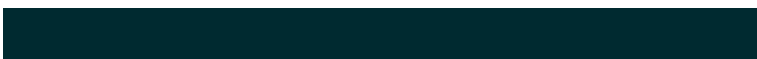
62, 42.602, 278.390



46, 3.932, 212.505



58, 33.114, 221.724



15, 13.747, 217.073

Inverse Universe

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



62, 66.348, 331.619



66, 85.619, 332.301



76, 43.839, 81.292



44, 7.421, 328.951



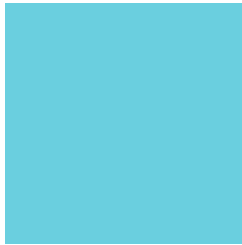
40, 78.634, 334.523



7, 32.756, 333.353

Previews

White Background



This preview shows how the CIELCh color 78, 30.321, 214.037 looks on a white background.

Color Contrast Check

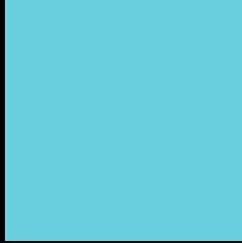
Large Text (above 18pt) WCAG AA × Fail

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 78, 30.321, 214.037 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 78, 30.321, 214.037

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.321, 214.037.



This preview shows how white text looks on a background with the CIELCh color 78, 30.321, 214.037.

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
78, 30.171, 215.224

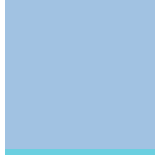
Trichromacy



Original Color
78, 30.321, 214.037



Protanomaly
77, 16.045, 240.961



Deuteranomaly
77, 19.917, 259.048

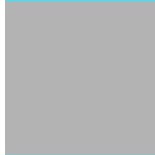


Tritanomaly
78, 30.171, 215.224

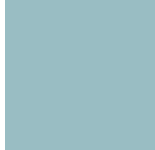
Monochromacy



Original Color
78, 30.321, 214.037



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 12.787, 213.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.321, 214.037 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(106, 207, 223)` looks like.

```
.text, #text, p{  
    color:rgb(106, 207, 223)  
}
```

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(106, 207, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 207, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.321, 214.037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

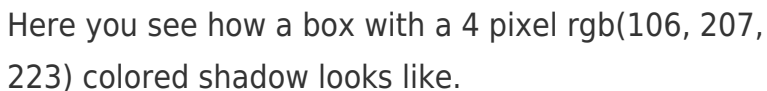
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 207, 223) }
```

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

```
.border{ border-color:rgb(106, 207, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 207, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 207, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 207, 223);  
box-shadow:4px 4px 4px 4px rgb(106, 207,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.321, 214.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 207, 223) }
```

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

```
.background{ background-color: rgb(106,  
207, 223) }
```

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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