

Converting Colors

CIELCh(84, 36.976, 212.183)

Have a look what the booklet for
CIELCh(84, 36.976, 212.183)
contains.

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Color

CIELCh(84, 36.962, 212.207)

Conversions

Conversions Part 1

Format	Color
Hex	5CE3F5
RGB	92, 227, 245
RGB Percent	36%, 89%, 96%
CMY	0.6373, 0.1083, 0.0377
CMYK	0.62, 0.07, 0.00, 0.04
HSL	187°, 89%, 66%
HSV	187°, 62%, 96%
XYZ	48.5765, 64.0658, 96.5041
YIQ	188.6870, -86.2380, -23.0220

Conversions

Conversions Part 2

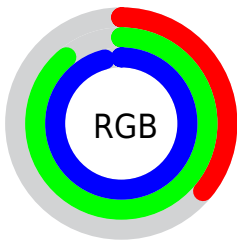
Format	Color
R _{YB}	92, 164, 245
Decimal	6087669
CIE Lab	84.00, -31.27, -19.70
CIE LCh	84, 36.962, 212.207
Yxy	64.0658, 0.2323, 0.3063
Android (android.graphics.Color)	4284277749 (0xFF5CE3F5)
YUV	188.6870, 27.7623, -84.7945
Hunter-Lab	80.0411, -31.7413, -15.4561

Details

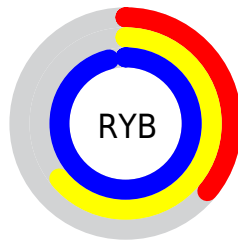
The CIELCh color **84, 36.962, 212.207** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **63, 61.636, 34.985**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.407, 197.545**, and **64, 35.763, 213.270** is the 20% darker color. If you saturate the color by 10%, you get **83, 39.826, 213.300**, and if you desaturate by 10%, it is **86, 33.086, 211.413**.

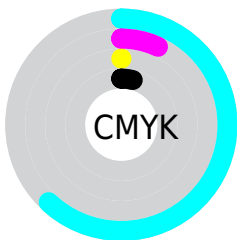
Distribution



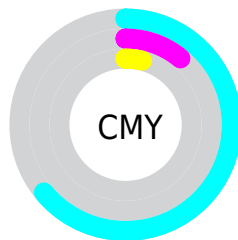
- Red (36%)
- Green (89%)
- Blue (96%)



- Red (36%)
- Yellow (64%)
- Blue (96%)



- Cyan (62%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)





- Cyan (64%)
- Magenta (11%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 36.962, 212.207 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 84, 36.962, 212.207 by changing the saturation by 10% instead.

 84, 36.962,
212.207

 84, 36.962,
212.207


 100, 36.962,
212.207


 74, 36.962,
212.207

 64, 36.962,
212.207

 54, 36.962,
212.207

 44, 36.962,
212.207

 34, 36.962,
212.207

 24, 36.962,
212.207

 14, 36.962,

212.207

■ 4, 36.962, 212.207

■ 0, 36.962, 212.207

■ 84, 36.962,
212.207

■ 84, 36.962,
212.207

■ 83, 39.826,
213.300

■ 86, 33.086,
211.413

■ 81, 41.674,
214.746

■ 87, 28.264,
210.874

■ 80, 42.578,
216.588

■ 89, 22.598,
210.544

■ 80, 42.798,
218.249

■ 91, 16.212,
210.387

■ 94, 9.232, 210.384

96, 1.781, 210.749

98, 2.837, 42.777

99, 3.025, 78.166

99, 4.083, 101.821

Harmonies

Complementary

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



84, 36.962, 212.207



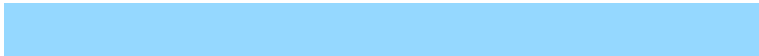
63, 61.636, 34.985

Rectangle

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



84, 36.962, 212.207



84, 36.962, 262.207



84, 36.962, 32.207



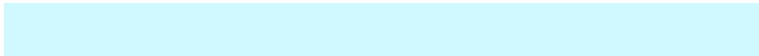
84, 36.962, 82.207

Sweetspot

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



84, 36.961, 212.206



95, 14.397, 210.369



86, 85.060, 141.837



50, 9.814, 210.384



0, 0.000, 0.000



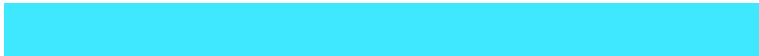
53, 0.007, 296.813

Same Dimension

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



84, 36.961, 212.206



85, 41.646, 213.673



63, 53.759, 280.130



50, 4.285, 210.415



62, 34.821, 217.827



19, 15.639, 214.639

Inverse Universe

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



64, 83.430, 331.527



62, 97.018, 332.249



79, 56.051, 78.281



48, 8.078, 328.349



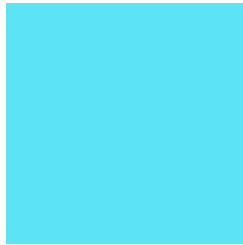
43, 83.183, 333.555



10, 37.436, 332.770

Previews

White Background



This preview shows how the CIE LCh color 84, 36.962, 212.207 looks on a white background.

Color Contrast Check

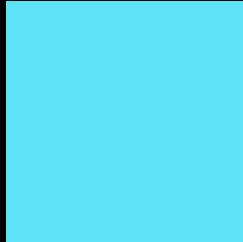
Large Text (above 18pt) WCAG AA × Fail

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 84, 36.962, 212.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

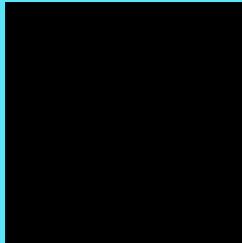
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 36.962, 212.207

Background



This preview shows how black text looks on a background with the CIELCh color 84, 36.962, 212.207.

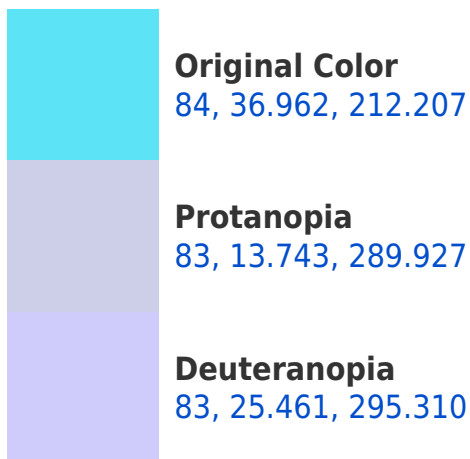


This preview shows how white text looks on a background with the CIELCh color 84, 36.962, 212.207.

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



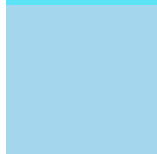


Tritanopia
84, 36.825, 213.148

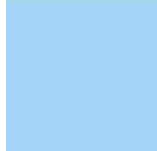
Trichromacy



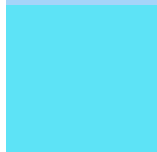
Original Color
84, 36.962, 212.207



Protanomaly
83, 19.758, 236.766



Deuteranomaly
83, 23.964, 253.971

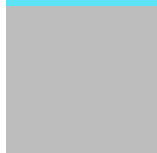


Tritanomaly
84, 36.825, 213.148

Monochromacy



Original Color
84, 36.962, 212.207



Achromatopsia
77, 0.009, 296.813



Achromatomaly
79, 16.727, 211.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 36.962, 212.207 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(92, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(92, 227, 245)  
}
```

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(92, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 227, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 36.962, 212.207 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(92, 227, 245) }
```

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

```
.border{ border-color:rgb(92, 227, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 227, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(92, 227,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 36.962, 212.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 227, 245) }
```

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

```
.background{ background-color: rgb(92, 227,  
245) }
```

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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