

Converting Colors

CIELCh(78, 34.978, 209.769)

Have a look what the booklet for
CIELCh(78, 34.978, 209.769)
contains.

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Color

CIElCh(78, 35.092, 209.565)

Conversions

Conversions Part 1

Format	Color
Hex	53D2E0
RGB	83, 210, 224
RGB Percent	33%, 82%, 88%
CMY	0.6753, 0.1771, 0.1222
CMYK	0.63, 0.06, 0.00, 0.12
HSL	186°, 69%, 60%
HSV	186°, 63%, 88%
XYZ	39.9856, 53.2120, 78.5632
YIQ	173.6230, -80.1860, -22.5700

Conversions

Conversions Part 2

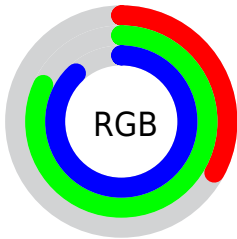
Format	Color
R _Y B	83, 150, 224
Decimal	5493472
CIE Lab	78.00, -30.52, -17.31
CIE LCh	78, 35.092, 209.565
Yxy	53.2120, 0.2328, 0.3098
Android (android.graphics.Color)	4283683552 (0xFF53D2E0)
YUV	173.6230, 24.8359, -79.4764
Hunter-Lab	72.9466, -29.8118, -12.7926

Details

The CIELCh color **78, 35.092, 209.565** 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 **57, 58.586, 33.885**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.611, 197.412**, and **58, 33.291, 210.698** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.742, 210.428**, and if you desaturate by 10%, it is **79, 31.489, 208.956**.

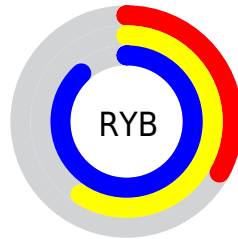
Distribution



Red (33%)

Green (82%)

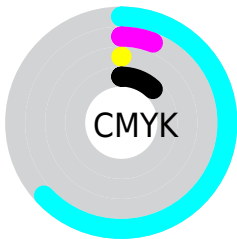
Blue (88%)



Red (33%)

Yellow (59%)

Blue (88%)

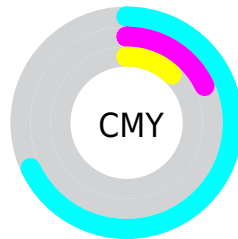


Cyan (63%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (68%)


Magenta (18%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 35.092, 209.565 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, 35.092, 209.565 by changing the saturation by 10% instead.


 78, 35.092,
209.565


 78, 35.092,
209.565


 100, 35.092,
209.565


 68, 35.092,
209.565


 98, 35.092,
209.565

 58, 35.092,
209.565

 48, 35.092,
209.565

 38, 35.092,
209.565

 28, 35.092,
209.565

 18, 35.092,
209.565

 8, 35.092, 209.565

■ 0, 35.092, 209.565

■ 78, 35.092,
209.565

■ 78, 35.092,
209.565

■ 77, 37.742,
210.428

■ 79, 31.489,
208.956

■ 76, 39.437,
211.590

■ 81, 26.993,
208.566

■ 75, 40.244,
213.081

■ 82, 21.698,
208.359

■ 74, 40.431,
214.291

■ 84, 15.718,
208.305

■ 86, 9.172, 208.386

■ 88, 2.175, 208.747

■ 91, 5.167, 28.573

■ 93, 10.224, 30.941

■ 93, 9.725, 38.361

Harmonies

Complementary

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



78, 35.092, 209.565



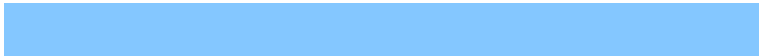
57, 58.586, 33.885

Rectangle

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



78, 35.092, 209.565



78, 35.092, 259.565



78, 35.092, 29.565



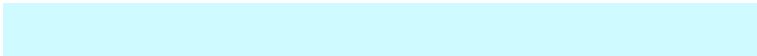
78, 35.092, 79.565

Sweetspot

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



78, 35.091, 209.564



96, 14.618, 208.320



80, 81.483, 140.891



50, 9.964, 208.307



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, 35.091, 209.564



86, 42.432, 210.804



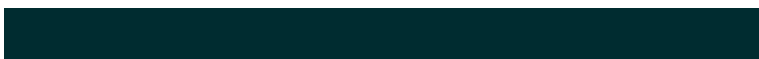
58, 47.986, 277.398



46, 4.052, 208.453



60, 33.818, 213.972



15, 14.083, 210.797

Inverse Universe

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



59, 79.152, 330.867



62, 98.947, 331.557



72, 51.911, 75.220



44, 7.618, 327.771



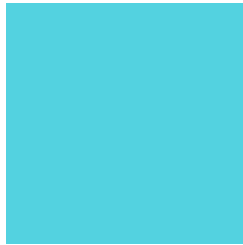
41, 80.959, 332.607



7, 33.605, 331.815

Previews

White Background



This preview shows how the CIE LCh color 78, 35.092, 209.565 looks on a white background.

Color Contrast Check

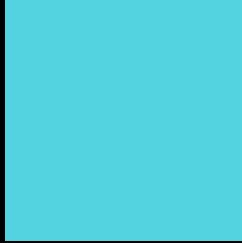
Large Text (above 18pt) WCAG AA × Fail

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, 35.092, 209.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

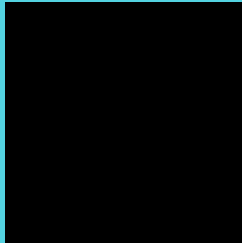
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 35.092, 209.565

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.092, 209.565.



This preview shows how white text looks on a background with the CIELCh color 78, 35.092, 209.565.

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

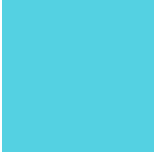
78, 35.092, 209.565

Protanopia

77, 11.272, 289.425

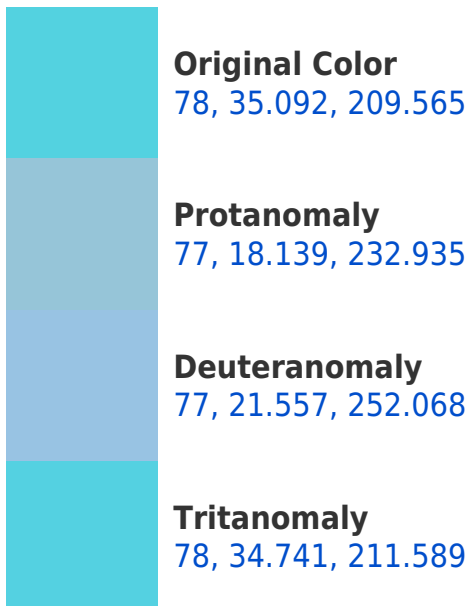
Deuteranopia

78, 22.665, 296.494



Tritanopia
78, 34.756, 212.521

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 35.092, 209.565 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(83, 210, 224)` looks like.

```
.text, #text, p{  
    color:rgb(83, 210, 224)  
}
```

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(83, 210, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 210, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.092, 209.565 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(83, 210, 224) }
```

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

```
.border{ border-color:rgb(83, 210, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 210, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 210, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 210, 224);  
box-shadow:4px 4px 4px 4px rgb(83, 210,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.092, 209.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 210, 224) }
```

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

```
.background{ background-color: rgb(83, 210,  
224) }
```

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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