

Converting Colors

CIELCh(79, 35.797, 217.412)

Have a look what the booklet for
CIELCh(79, 35.797, 217.412)
contains.

CIELCh(79, 35.724, 217.575)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 35.724, 217.575)

Conversions

Conversions Part 1

Format	Color
Hex	53D4EB
RGB	83, 212, 235
RGB Percent	33%, 83%, 92%
CMY	0.6744, 0.1686, 0.0784
CMYK	0.65, 0.10, 0.00, 0.08
HSL	189°, 79%, 62%
HSV	189°, 65%, 92%
XYZ	42.1098, 54.9284, 86.9854
YIQ	176.0510, -84.2670, -20.1950

Conversions

Conversions Part 2

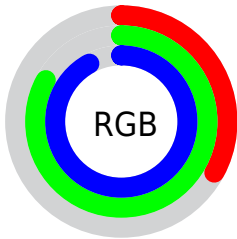
Format	Color
RYP	83, 153, 235
Decimal	5493995
CIELab	79.00, -28.31, -21.78
CIElCh	79, 35.724, 217.575
Yxy	54.9284, 0.2288, 0.2985
Android (android.graphics.Color)	4283684075 (0xFF53D4EB)
YUV	176.0510, 29.0619, -81.6057
Hunter-Lab	74.1137, -28.2792, -17.7077

Details

The CIELCh color **79, 35.724, 217.575** 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 **60, 60.911, 37.525**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 32.372, 197.427**, and **59, 33.735, 218.837** is the 20% darker color. If you saturate the color by 10%, you get **77, 38.284, 219.201**, and if you desaturate by 10%, it is **81, 32.223, 216.343**.

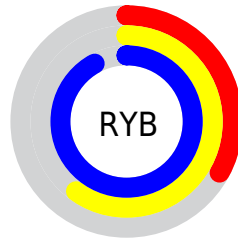
Distribution



Red (33%)

Green (83%)

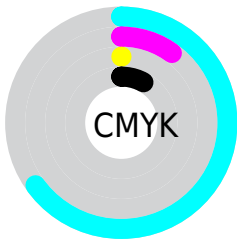
Blue (92%)



Red (33%)

Yellow (60%)

Blue (92%)

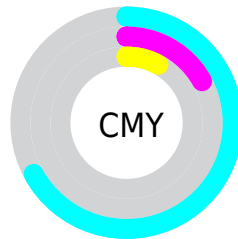


Cyan (65%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (67%)


Magenta (17%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 35.724, 217.575 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 79, 35.724, 217.575 by changing the saturation by 10% instead.


 79, 35.724,
217.575


 79, 35.724,
217.575


 100, 35.724,
217.575


 69, 35.724,
217.575


 99, 35.724,
217.575

 59, 35.724,
217.575

 49, 35.724,
217.575

 39, 35.724,
217.575

 29, 35.724,
217.575

 19, 35.724,
217.575

 9, 35.724, 217.575

0, 35.724, 217.575

79, 35.724,
217.575

79, 35.724,
217.575

77, 38.284,
219.201

81, 32.223,
216.343

76, 39.921,
221.291

83, 27.832,
215.442

75, 40.732,
223.896

85, 22.638,
214.812

74, 40.954,
225.446

87, 16.751,
214.403

89, 10.289,
214.178

92, 3.366, 214.190

■ 94, 3.916, 33.837

■ 96, 5.914, 47.651

■ 97, 6.039, 68.892

Harmonies

Complementary

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



79, 35.724, 217.575



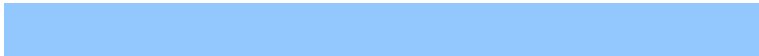
60, 60.911, 37.525

Rectangle

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



79, 35.724, 217.575



79, 35.724, 267.575



79, 35.724, 37.575



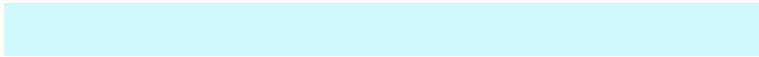
79, 35.724, 87.575

Sweetspot

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



79, 35.723, 217.574



95, 14.044, 214.255



83, 82.849, 142.468



50, 9.575, 214.324



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 35.723, 217.574



83, 41.474, 219.911



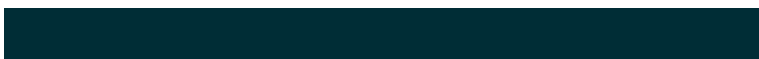
58, 56.742, 283.454



48, 4.036, 214.137



58, 33.698, 224.897



16, 14.525, 220.178

Inverse Universe

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



60, 80.978, 332.962



61, 96.681, 333.869



77, 57.025, 80.846



46, 7.619, 329.428



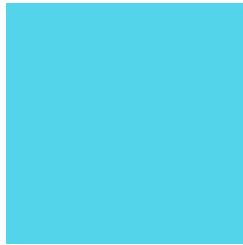
41, 79.408, 335.324



9, 34.589, 334.137

Previews

White Background



This preview shows how the CIE LCh color 79, 35.724, 217.575 looks on a white background.

Color Contrast Check

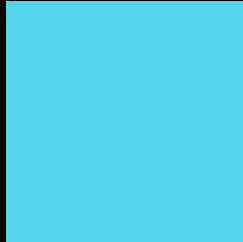
Large Text (above 18pt) WCAG AA × Fail

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 79, 35.724, 217.575 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 79, 35.724, 217.575

Background



This preview shows how black text looks on a background with the CIELCh color 79, 35.724, 217.575.



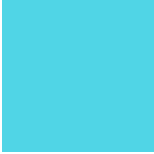
This preview shows how white text looks on a background with the CIELCh color 79, 35.724, 217.575.

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](#).

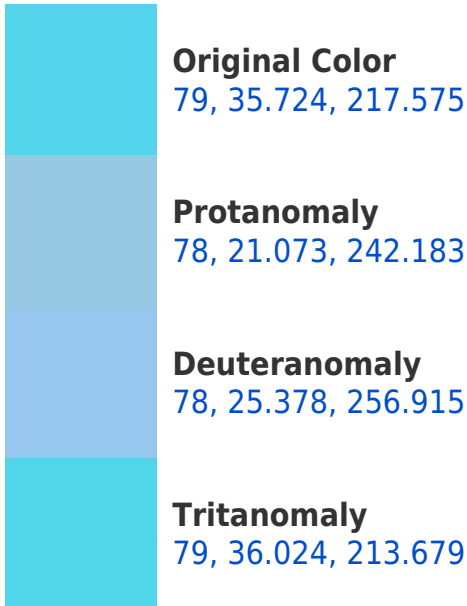
Dichromacy



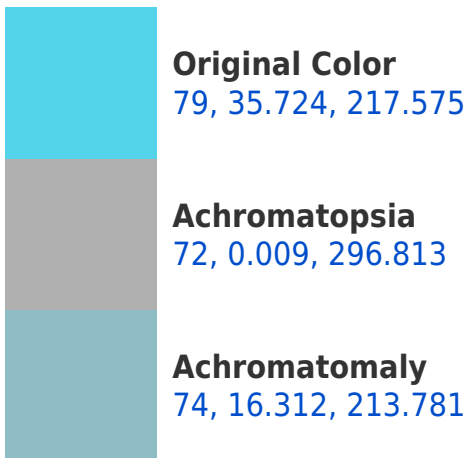


Tritanopia
79, 36.134, 211.810

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 35.724, 217.575 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, 212, 235)` looks like.

```
.text, #text, p{  
    color:rgb(83, 212, 235)  
}
```

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, 212, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 212, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 35.724, 217.575 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, 212, 235) }
```

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

```
.border{ border-color:rgb(83, 212, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 212, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 212, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 212, 235);  
box-shadow:4px 4px 4px 4px rgb(83, 212,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 35.724, 217.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 212, 235) }
```

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

```
.background{ background-color: rgb(83, 212,  
235) }
```

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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