

Converting Colors

CIELCh(79, 36.658, 215.021)

Have a look what the booklet for
CIELCh(79, 36.658, 215.021)
contains.

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Color

CIELCh(79, 36.662, 215.146)

Conversions

Conversions Part 1

Format	Color
Hex	4DD5EA
RGB	77, 213, 234
RGB Percent	30%, 84%, 92%
CMY	0.6995, 0.1658, 0.0835
CMYK	0.67, 0.09, 0.00, 0.08
HSL	188°, 79%, 61%
HSV	188°, 67%, 92%
XYZ	41.5604, 54.9284, 86.0334
YIQ	174.7300, -87.7970, -22.3010

Conversions

Conversions Part 2

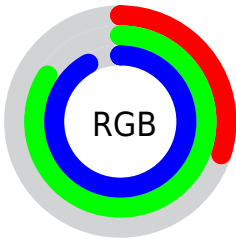
Format	Color
RYB	77, 150, 234
Decimal	5101034
CIELab	79.00, -29.98, -21.10
CIELCh	79, 36.662, 215.146
Yxy	54.9284, 0.2277, 0.3009
Android (android.graphics.Color)	4283291114 (0xFF4DD5EA)
YUV	174.7300, 29.2201, -85.7092
Hunter-Lab	74.1137, -29.6023, -16.9460

Details

The CIELCh color **79, 36.662, 215.146** 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 **59, 64.164, 36.776**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.553, 197.356**, and **60, 33.797, 216.645** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.953, 216.624**, and if you desaturate by 10%, it is **81, 33.408, 214.032**.

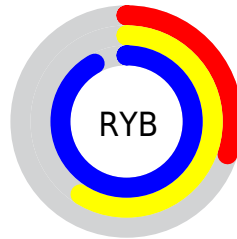
Distribution



Red (30%)

Green (84%)

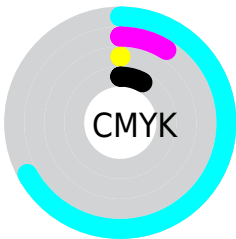
Blue (92%)



Red (30%)

Yellow (59%)

Blue (92%)

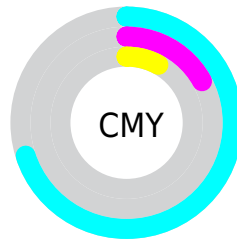


Cyan (67%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (70%)


Magenta (17%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.662, 215.146 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, 36.662, 215.146 by changing the saturation by 10% instead.


 79, 36.662,
215.146


 79, 36.662,
215.146


 100, 36.662,
215.146


 69, 36.662,
215.146


 99, 36.662,
215.146

 59, 36.662,
215.146

 49, 36.662,
215.146

 39, 36.662,
215.146

 29, 36.662,
215.146

 19, 36.662,
215.146

 9, 36.662, 215.146

■ 0, 36.662, 215.146

■ 79, 36.662,
215.146

■ 79, 36.662,
215.146

■ 78, 38.953,
216.624

■ 81, 33.408,
214.032

■ 76, 40.314,
218.526

■ 82, 29.229,
213.227

■ 75, 40.868,
220.885

■ 84, 24.206,
212.677

■ 75, 40.958,
221.587

■ 86, 18.449,
212.336

■ 88, 12.076,
212.169

■ 91, 5.205, 212.182

■ 93, 2.056, 31.806

■ 95, 6.556, 37.838

■ 96, 6.257, 55.059

Harmonies

Complementary

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



79, 36.662, 215.146



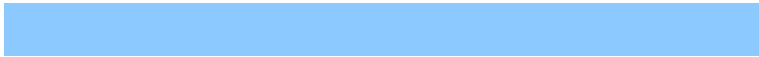
59, 64.164, 36.776

Rectangle

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



79, 36.662, 215.146



79, 36.662, 265.146



79, 36.662, 35.146



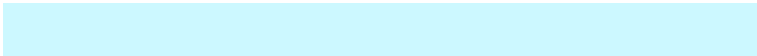
79, 36.662, 85.146

Sweetspot

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



79, 36.661, 215.145



95, 14.921, 212.201



82, 86.035, 141.636



50, 10.083, 212.245



0, 0.000, 0.000



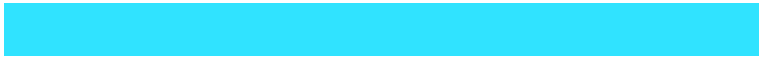
53, 0.007, 296.813

Same Dimension

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



79, 36.661, 215.145



83, 42.332, 217.363



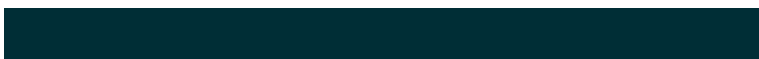
57, 57.367, 283.027



48, 4.088, 212.157



59, 33.858, 221.120



17, 14.639, 217.036

Inverse Universe

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



59, 83.802, 332.417



61, 99.503, 333.280



75, 58.480, 79.000



46, 7.714, 328.853



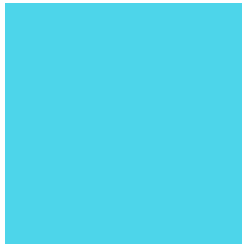
42, 80.496, 334.372



9, 34.997, 333.360

Previews

White Background



This preview shows how the CIELCh color 79, 36.662, 215.146 looks on a white background.

Color Contrast Check

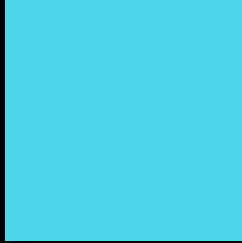
Large Text (above 18pt) WCAG AA × Fail

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, 36.662, 215.146 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, 36.662, 215.146

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.662, 215.146.



This preview shows how white text looks on a background with the CIELCh color 79, 36.662, 215.146.

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

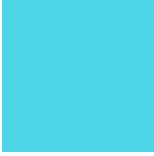
79, 36.662, 215.146

Protanopia

79, 14.465, 287.377

Deuteranopia

78, 26.252, 292.521

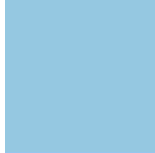


Tritanopia
79, 36.862, 212.354

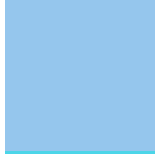
Trichromacy



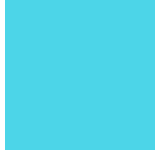
Original Color
79, 36.662, 215.146



Protanomaly
78, 20.675, 239.151



Deuteranomaly
78, 25.275, 255.018

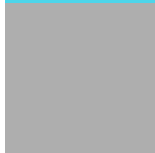


Tritanomaly
79, 36.740, 213.305

Monochromacy



Original Color
79, 36.662, 215.146



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 16.907, 213.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.662, 215.146 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(77, 213, 234)` looks like.

```
.text, #text, p{  
    color:rgb(77, 213, 234)  
}
```

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(77, 213, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 213, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.662, 215.146 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(77, 213, 234) }
```

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

```
.border{ border-color:rgb(77, 213, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 213, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 213, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 213, 234);  
box-shadow:4px 4px 4px 4px rgb(77, 213,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.662, 215.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 213, 234) }
```

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

```
.background{ background-color: rgb(77, 213,  
234) }
```

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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