

Converting Colors

CIELCh(79, 28.312, 219.283)

Have a look what the booklet for
CIELCh(79, 28.312, 219.283)
contains.

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Color

CIELCh(79, 28.250, 218.929)

Conversions

Conversions Part 1

Format	Color
Hex	77D1E4
RGB	119, 209, 228
RGB Percent	47%, 82%, 89%
CMY	0.5346, 0.1816, 0.1071
CMYK	0.48, 0.08, 0.00, 0.11
HSL	190°, 67%, 68%
HSV	190°, 48%, 89%
XYZ	44.2451, 54.9284, 81.4361
YIQ	184.2560, -59.7390, -13.1710

Conversions

Conversions Part 2

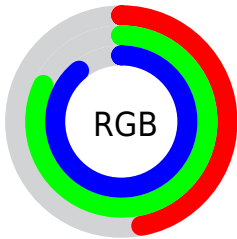
Format	Color
R _{YB}	119, 168, 228
Decimal	7852516
CIE _{Lab}	79.00, -21.98, -17.75
CIE _{LCh}	79, 28.250, 218.929
Y _{xy}	54.9284, 0.2450, 0.3041
Android (android.graphics.Color)	4286042596 (0xFF77D1E4)
YUV	184.2560, 21.5658, -57.2295
Hunter-Lab	74.1137, -23.1364, -13.2683

Details

The CIELCh color **79, 28.250, 218.929** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **66, 40.752, 37.531**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.830, 197.886**, and **59, 28.190, 219.996** is the 20% darker color. If you saturate the color by 10%, you get **77, 32.260, 220.152**, and if you desaturate by 10%, it is **81, 23.456, 218.028**.

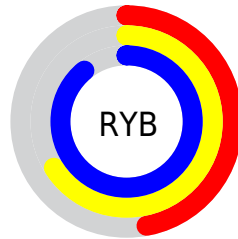
Distribution



Red (47%)

Green (82%)

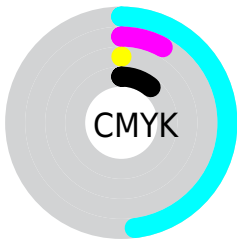
Blue (89%)



Red (47%)

Yellow (66%)

Blue (89%)

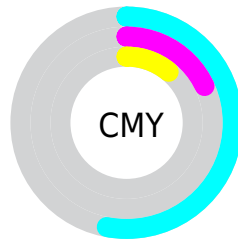


Cyan (48%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (53%)


Magenta (18%)


Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 28.250, 218.929 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, 28.250, 218.929 by changing the saturation by 10% instead.


 79, 28.250,
218.929

 79, 28.250,
218.929


 100, 28.250,
218.929


 69, 28.250,
218.929


 99, 28.250,
218.929

 59, 28.250,
218.929

 49, 28.250,
218.929

 39, 28.250,
218.929

 29, 28.250,
218.929

 19, 28.250,
218.929

 9, 28.250, 218.929

0, 28.250, 218.929

79, 28.250,
218.929

79, 28.250,
218.929

77, 32.260,
220.152

81, 23.456,
218.028

75, 35.414,
221.775

83, 17.977,
217.394

74, 37.689,
223.873

86, 11.923,
216.976

72, 39.128,
226.518

88, 5.401, 216.766

71, 39.881,
229.734

91, 1.488, 36.104

94, 8.557, 36.590

71, 40.013,
230.449

95, 8.102, 53.334

■ 96, 8.386, 70.387

■ 97, 9.337, 85.076

Harmonies

Complementary

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



79, 28.250, 218.929



66, 40.752, 37.531

Rectangle

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



79, 28.250, 218.929



79, 28.250, 268.929



79, 28.250, 38.929



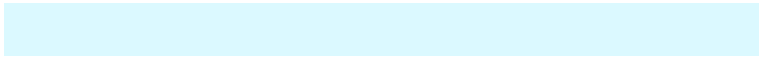
79, 28.250, 88.929

Sweetspot

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



79, 28.249, 218.927



96, 10.352, 216.869



82, 61.173, 145.222



51, 7.102, 216.927



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, 28.249, 218.927



85, 34.941, 220.079



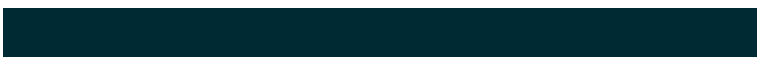
64, 41.269, 279.791



47, 3.905, 216.781



56, 33.340, 229.842



15, 14.003, 224.023

Inverse Universe

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



65, 60.687, 332.724



68, 77.258, 333.377



79, 41.484, 84.768



45, 7.362, 330.195



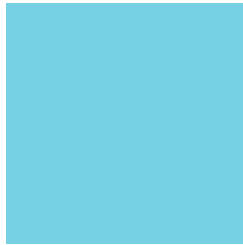
41, 77.225, 336.604



8, 33.074, 335.101

Previews

White Background



This preview shows how the CIELCh color 79, 28.250, 218.929 looks on a white background.

Color Contrast Check

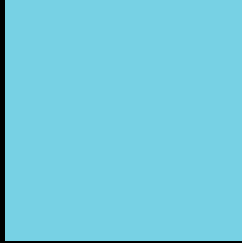
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 28.250, 218.929 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, 28.250, 218.929

Background



This preview shows how black text looks on a background with the CIELCh color 79, 28.250, 218.929.



This preview shows how white text looks on a background with the CIELCh color 79, 28.250, 218.929.

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



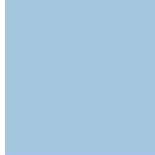


Tritanopia
79, 28.292, 216.532

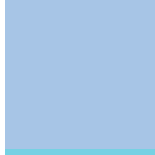
Trichromacy



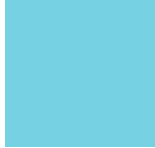
Original Color
79, 28.250, 218.929



Protanomaly
79, 16.392, 247.759



Deuteranomaly
78, 19.873, 262.228

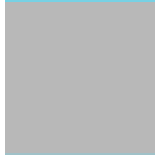


Tritanomaly
79, 28.373, 217.643

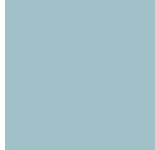
Monochromacy



Original Color
79, 28.250, 218.929



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 11.928, 217.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 28.250, 218.929 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(119, 209, 228)` looks like.

```
.text, #text, p{  
    color:rgb(119, 209, 228)  
}
```

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(119, 209, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 209, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 28.250, 218.929 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(119, 209, 228) }
```

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

```
.border{ border-color:rgb(119, 209, 228) }
```

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

Here you see how a box with a 4 pixel rgb(119, 209, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 209, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 209, 228);  
box-shadow:4px 4px 4px 4px rgb(119, 209,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 28.250, 218.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 209, 228) }
```

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

```
.background{ background-color: rgb(119,  
209, 228) }
```

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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