

Converting Colors

CIELCh(78, 29.376, 205.866)

Have a look what the booklet for
CIELCh(78, 29.376, 205.866)
contains.

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Color

CIELCh(78, 29.375, 205.858)

Conversions

Conversions Part 1

Format	Color
Hex	6FD0D8
RGB	111, 208, 216
RGB Percent	44%, 82%, 85%
CMY	0.5663, 0.1858, 0.1545
CMYK	0.49, 0.04, 0.00, 0.15
HSL	185°, 57%, 64%
HSV	185°, 49%, 85%
XYZ	41.3092, 53.2120, 72.7940
YIQ	179.9090, -60.3800, -18.0760

Conversions

Conversions Part 2

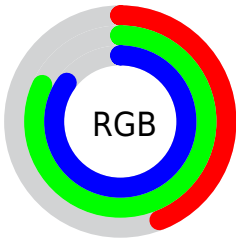
Format	Color
RYB	111, 161, 216
Decimal	7327960
CIELab	78.00, -26.43, -12.81
CIElCh	78, 29.375, 205.858
Yxy	53.2120, 0.2469, 0.3180
Android (android.graphics.Color)	4285518040 (0xFF6FD0D8)
YUV	179.9090, 17.7929, -60.4332
Hunter-Lab	72.9466, -26.5730, -8.1034

Details

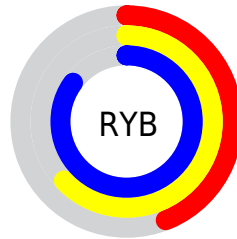
The CIELCh color **78, 29.375, 205.858** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 42.631, 29.938**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.023, 197.751**, and **58, 29.294, 205.944** is the 20% darker color. If you saturate the color by 10%, you get **77, 33.339, 206.153**, and if you desaturate by 10%, it is **79, 24.566, 205.723**.

Distribution



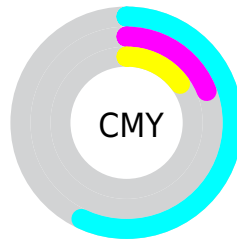
- Red (44%)
- Green (82%)
- Blue (85%)



- Red (44%)
- Yellow (63%)
- Blue (85%)



- Cyan (49%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)





- Cyan (57%)
- Magenta (19%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 29.375, 205.858 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, 29.375, 205.858 by changing the saturation by 10% instead.

 78, 29.375,
205.858

 78, 29.375,
205.858


 100, 29.375,
205.858


 68, 29.375,
205.858


 98, 29.375,
205.858

 58, 29.375,
205.858

 48, 29.375,
205.858

 38, 29.375,
205.858

 28, 29.375,
205.858

 18, 29.375,
205.858

 8, 29.375, 205.858

■ 0, 29.375, 205.858

■ 78, 29.375,
205.858

■ 78, 29.375,
205.858

■ 77, 33.339,
206.153

■ 79, 24.566,
205.723

■ 76, 36.385,
206.643

■ 81, 19.015,
205.730

■ 75, 38.484,
207.352

■ 83, 12.836,
205.858

■ 74, 39.668,
208.306

■ 84, 6.149, 206.111

■ 74, 40.087,
209.503

■ 86, 0.937, 25.663

■ 73, 40.121,
209.665

■ 89, 8.323, 26.552

■ 90, 13.455, 27.986

■ 91, 13.002, 31.964

■ 91, 12.618, 36.206

Harmonies

Complementary

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



78, 29.375, 205.858



61, 42.631, 29.938

Rectangle

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



78, 29.375, 205.858



78, 29.375, 255.858



78, 29.375, 25.858



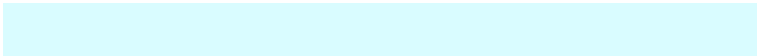
78, 29.375, 75.858

Sweetspot

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



78, 29.375, 205.856



97, 11.926, 205.931



78, 63.772, 142.226



51, 8.084, 205.886



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, 29.375, 205.856



89, 37.780, 206.147



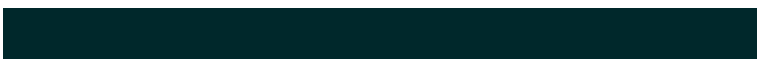
63, 35.084, 271.477



44, 3.980, 206.087



59, 33.773, 209.433



14, 13.437, 206.843

Inverse Universe

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



62, 63.010, 329.313



68, 83.678, 329.821



73, 38.062, 75.791



42, 7.450, 327.073



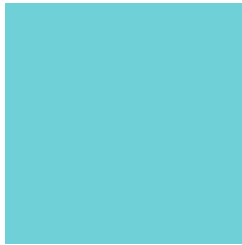
40, 80.668, 331.495



6, 31.175, 330.668

Previews

White Background



This preview shows how the CIELCh color 78, 29.375, 205.858 looks on a white background.

Color Contrast Check

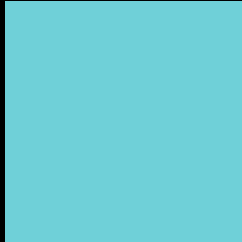
Large Text (above 18pt) WCAG AA × Fail

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, 29.375, 205.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

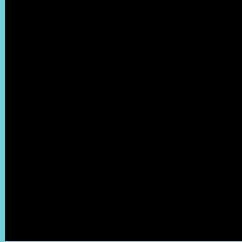
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 29.375, 205.858

Background



This preview shows how black text looks on a background with the CIELCh color 78, 29.375, 205.858.

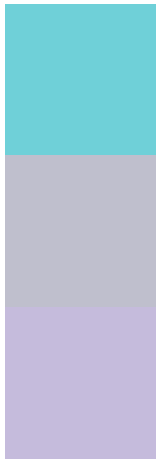


This preview shows how white text looks on a background with the CIELCh color 78, 29.375, 205.858.

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](#).

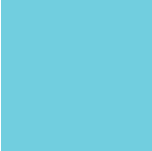
Dichromacy



Original Color
78, 29.375, 205.858

Protanopia
78, 7.511, 290.872

Deuteranopia
78, 18.124, 302.835



Tritanopia
78, 28.702, 216.265

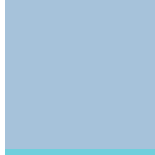
Trichromacy



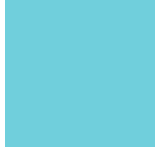
Original Color
78, 29.375, 205.858



Protanomaly
77, 13.356, 227.611



Deuteranomaly
77, 15.679, 254.579

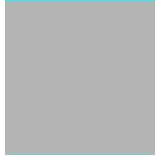


Tritanomaly
78, 28.940, 211.550

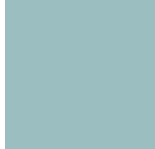
Monochromacy



Original Color
78, 29.375, 205.858



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 12.284, 206.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 29.375, 205.858 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(111, 208, 216)` looks like.

```
.text, #text, p{  
    color:rgb(111, 208, 216)  
}
```

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(111, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 208, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 29.375, 205.858 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(111, 208, 216) }
```

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

```
.border{ border-color:rgb(111, 208, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 208, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(111, 208,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 29.375, 205.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 208, 216) }
```

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

```
.background{ background-color: rgb(111,  
208, 216) }
```

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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