

Converting Colors

CIELCh(88, 7.234, 218.282)

Have a look what the booklet for
CIELCh(88, 7.234, 218.282) contains.

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Color

CIELCh(88, 7.041, 220.883)

Conversions

Conversions Part 1

Format	Color
Hex	CDE0E5
RGB	205, 224, 229
RGB Percent	80%, 88%, 90%
CMY	0.1955, 0.1209, 0.1013
CMYK	0.10, 0.02, 0.00, 0.10
HSL	192°, 32%, 85%
HSV	192°, 10%, 90%
XYZ	66.0846, 72.0653, 84.6737
YIQ	218.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

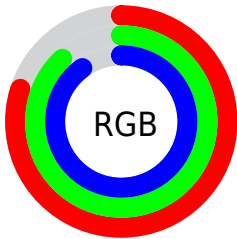
Format	Color
R _Y B	205, 216, 229
Decimal	13492453
CIE Lab	88.00, -5.32, -4.61
CIE LCh	88, 7.041, 220.883
Yxy	72.0653, 0.2966, 0.3234
Android (android.graphics.Color)	4291682533 (0xFFCDE0E5)
YUV	218.8890, 4.9847, -12.1807
Hunter-Lab	84.8913, -9.6044, 0.2859

Details

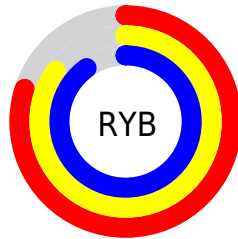
The CIELCh color **88, 7.041, 220.883** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 7.517, 40.120**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 7.028, 222.097** is the 20% darker color. If you saturate the color by 10%, you get **85, 13.380, 221.323**, and if you desaturate by 10%, it is **91, 0.329, 222.265**.

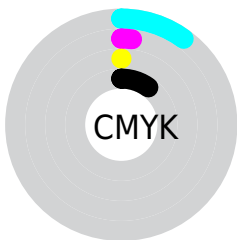
Distribution



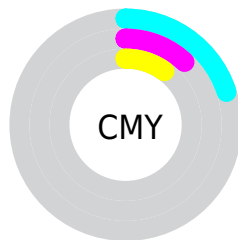
- Red (80%)
- Green (88%)
- Blue (90%)



- Red (80%)
- Yellow (85%)
- Blue (90%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (12%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 7.041, 220.883 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 88, 7.041, 220.883 by changing the saturation by 10% instead.

 88, 7.041, 220.883

 88, 7.041, 220.883

 100, 7.041,
220.883

 78, 7.041, 220.883

 68, 7.041, 220.883

 58, 7.041, 220.883

 48, 7.041, 220.883

 38, 7.041, 220.883

 28, 7.041, 220.883

 18, 7.041, 220.883

 8, 7.041, 220.883

 0, 7.041, 220.883

88, 7.041, 220.883

88, 7.041, 220.883

85, 13.380,
221.323

91, 0.329, 222.265

83, 19.249,
222.009

94, 6.673, 40.136

80, 24.546,
222.959

95, 7.651, 58.091

78, 29.167,
224.236

96, 8.341, 78.822

76, 33.028,
225.915

98, 9.905, 94.609

74, 36.075,
228.084

99, 11.998,
105.437

72, 38.311,
230.828

99, 13.076,
109.189

70, 39.814,
234.216

■ 69, 40.782,
237.977

Harmonies

Complementary

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



88, 7.041, 220.883



86, 7.517, 40.120

Rectangle

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



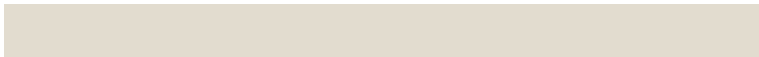
88, 7.041, 220.883



88, 7.041, 270.883



88, 7.041, 40.883



88, 7.041, 90.883

Sweetspot

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



88, 7.041, 220.866



99, 2.240, 220.805



89, 13.282, 149.864



53, 1.695, 220.770



0, 0.000, 0.000



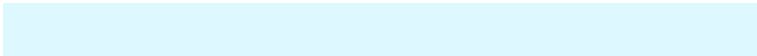
53, 0.007, 296.813

Same Dimension

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



88, 7.041, 220.866



96, 9.465, 220.962



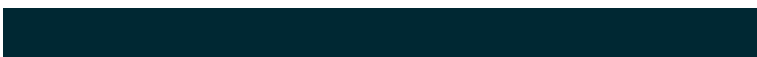
85, 9.138, 275.084



47, 3.833, 220.834



54, 33.759, 237.239



14, 13.995, 230.250

Inverse Universe

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



85, 13.248, 331.450



92, 17.959, 331.623



89, 9.110, 92.389



45, 7.187, 331.382



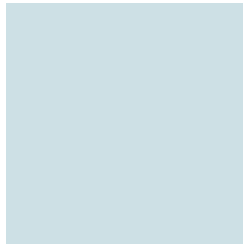
40, 75.293, 338.628



8, 32.350, 336.712

Previews

White Background



This preview shows how the CIELCh color 88, 7.041, 220.883 looks on a white background.

Color Contrast Check

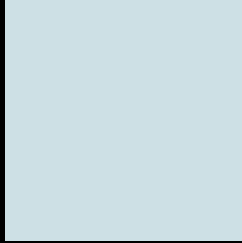
Large Text (above 18pt) WCAG AA × Fail

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 88, 7.041, 220.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

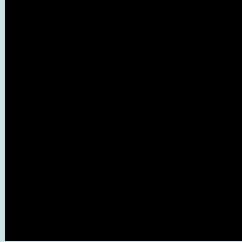
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

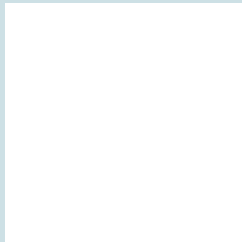
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 7.041, 220.883

Background



This preview shows how black text looks on a background with the CIELCh color 88, 7.041, 220.883.



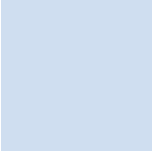
This preview shows how white text looks on a background with the CIELCh color 88, 7.041, 220.883.

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](#).

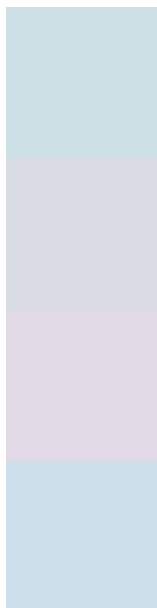
Dichromacy





Tritanopia
88, 10.590, 262.124

Trichromacy



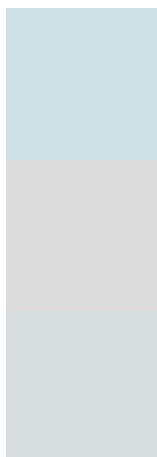
Original Color
88, 7.041, 220.883

Protanomaly
88, 3.420, 266.078

Deuteranomaly
88, 6.779, 312.119

Tritanomaly
88, 8.841, 249.503

Monochromacy



Original Color
88, 7.041, 220.883

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 2.679, 222.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 7.041, 220.883 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(205, 224, 229)` looks like.

```
.text, #text, p{  
    color:rgb(205, 224, 229)  
}
```

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(205, 224, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 224, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 7.041, 220.883 is called "border". The border property can be set on classes, ids or directly on the HTML element.

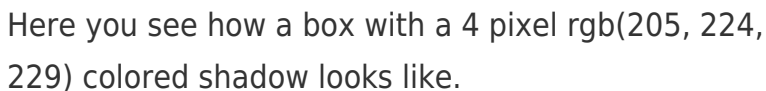
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 224, 229) }
```

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

```
.border{ border-color:rgb(205, 224, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 224, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 224, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 224, 229); box-shadow:4px 4px 4px 4px rgb(205, 224, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 7.041, 220.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 224, 229) }
```

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

```
.background{ background-color: rgb(205,  
224, 229) }
```

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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