

Converting Colors

CIELCh(88, 6.397, 179.997)

Have a look what the booklet for
CIELCh(88, 6.397, 179.997) contains.

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Color

CIELCh(88, 6.402, 179.994)

Conversions

Conversions Part 1

Format	Color
Hex	CFE0DC
RGB	207, 224, 220
RGB Percent	81%, 88%, 86%
CMY	0.1865, 0.1198, 0.1355
CMYK	0.08, 0.00, 0.02, 0.12
HSL	166°, 22%, 85%
HSV	166°, 8%, 88%
XYZ	65.6029, 72.0653, 78.4660
YIQ	218.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

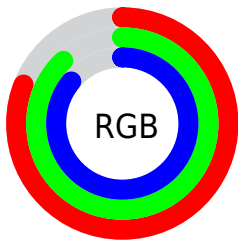
Format	Color
RYB	207, 217, 224
Decimal	13623516
CIELab	88.00, -6.40, 0.00
CIELCh	88, 6.402, 179.994
Yxy	72.0653, 0.3035, 0.3334
Android (android.graphics.Color)	4291813596 (0xFFCFE0DC)
YUV	218.4610, 0.7587, -10.0513
Hunter-Lab	84.8913, -10.6171, 4.6215

Details

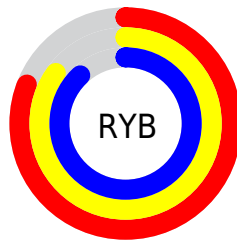
The CIELCh color **88, 6.402, 179.994** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 6.581, 1.217**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 6.389, 178.734** is the 20% darker color. If you saturate the color by 10%, you get **86, 14.674, 178.983**, and if you desaturate by 10%, it is **90, 2.070, 0.535**.

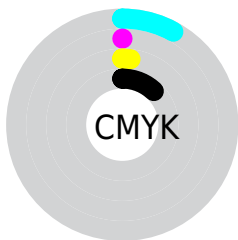
Distribution



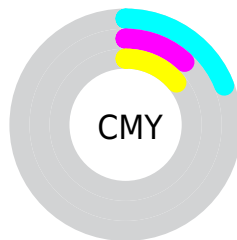
- Red (81%)
- Green (88%)
- Blue (86%)



- Red (81%)
- Yellow (85%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (19%)
- Magenta (12%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 6.402, 179.994 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, 6.402, 179.994 by changing the saturation by 10% instead.

 88, 6.402, 179.994

 88, 6.402, 179.994

 100, 6.402,
179.994

 78, 6.402, 179.994

 68, 6.402, 179.994

 58, 6.402, 179.994

 48, 6.402, 179.994

 38, 6.402, 179.994

 28, 6.402, 179.994

 18, 6.402, 179.994

 8, 6.402, 179.994

 0, 6.402, 179.994

88, 6.402, 179.994

88, 6.402, 179.994

86, 14.674,
178.983

90, 2.070, 0.535

85, 22.617,
177.957

92, 10.643, 1.604

84, 30.096,
176.862

92, 12.580,
351.256

83, 36.966,
175.677

92, 14.056,
341.449

82, 43.091,
174.378

92, 15.875,
333.739

81, 48.358,
172.941

93, 17.932,
327.750

81, 52.701,
171.342

93, 19.114,
325.088

80, 56.122,
169.562

■ 80, 58.725,
167.605

Harmonies

Complementary

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



88, 6.402, 179.994



85, 6.581, 1.217

Rectangle

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



88, 6.402, 179.994



88, 6.402, 229.994



88, 6.402, 359.994



88, 6.402, 49.994

Sweetspot

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



88, 6.404, 179.982



100, 1.880, 180.723



88, 10.035, 136.983



53, 1.069, 180.748



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, 6.404, 179.982



98, 8.423, 179.830



87, 4.963, 225.918



46, 4.789, 179.792



64, 49.201, 167.482



17, 19.247, 171.204

Inverse Universe

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



85, 6.581, 1.217



94, 8.700, 1.379



86, 5.185, 44.981



44, 4.953, 1.421



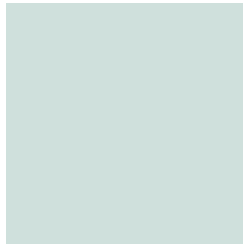
37, 68.674, 26.453



6, 25.288, 10.916

Previews

White Background



This preview shows how the CIELCh color 88, 6.402, 179.994 looks on a white background.

Color Contrast Check

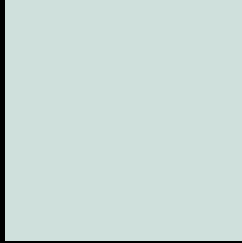
Large Text (above 18pt) WCAG AA × Fail

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 88, 6.402, 179.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

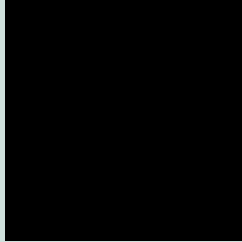
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

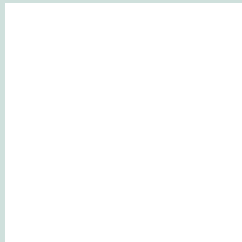
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 6.402, 179.994

Background



This preview shows how black text looks on a background with the CIELCh color 88, 6.402, 179.994.

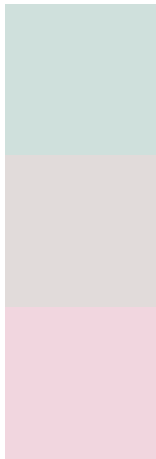


This preview shows how white text looks on a background with the CIELCh color 88, 6.402, 179.994.

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](#).

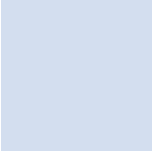
Dichromacy



Original Color
88, 6.402, 179.994

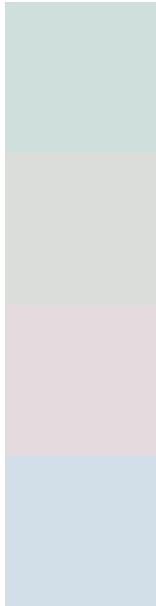
Protanopia
88, 2.225, 32.820

Deuteranopia
88, 10.885, 354.718



Tritanopia
88, 9.566, 267.703

Trichromacy



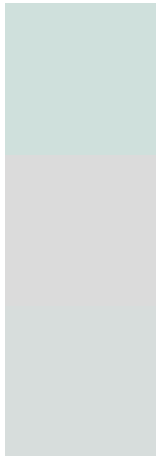
Original Color
88, 6.402, 179.994

Protanomaly
88, 1.265, 144.612

Deuteranomaly
88, 4.502, 352.029

Tritanomaly
88, 6.446, 246.150

Monochromacy



Original Color
88, 6.402, 179.994

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 2.209, 185.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 6.402, 179.994 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(207, 224, 220)` looks like.

```
.text, #text, p{  
    color:rgb(207, 224, 220)  
}
```

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(207, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 224, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 6.402, 179.994 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(207, 224, 220) }
```

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

```
.border{ border-color:rgb(207, 224, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 224, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 224, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 224, 220);  
box-shadow:4px 4px 4px 4px rgb(207, 224,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 6.402, 179.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 224, 220) }
```

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

```
.background{ background-color: rgb(207,  
224, 220) }
```

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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