

Converting Colors

CIELCh(88, 6.626, 199.029)

Have a look what the booklet for
CIELCh(88, 6.626, 199.029) contains.

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Color

CIELCh(88, 6.655, 199.033)

Conversions

Conversions Part 1

Format	Color
Hex	CEE1E1
RGB	206, 225, 225
RGB Percent	81%, 88%, 88%
CMY	0.1940, 0.1195, 0.1195
CMYK	0.08, 0.00, 0.00, 0.12
HSL	180°, 24%, 84%
HSV	180°, 8%, 88%
XYZ	65.6523, 72.0653, 81.3506
YIQ	219.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

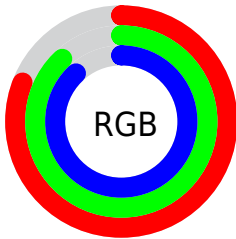
Format	Color
R_{YB}	206, 216, 225
Decimal	13558241
CIE _{Lab}	88.00, -6.29, -2.17
CIE _{LCh}	88, 6.655, 199.033
Yxy	72.0653, 0.2997, 0.3290
Android (android.graphics.Color)	4291748321 (0xFFCEE1E1)
YUV	219.3190, 2.8007, -11.6808
Hunter-Lab	84.8913, -10.5133, 2.6068

Details

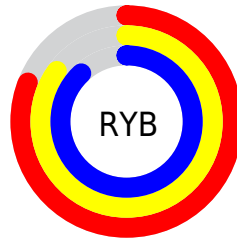
The CIELCh color **88, 6.655, 199.033** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 7.021, 19.841**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 6.610, 198.913** is the 20% darker color. If you saturate the color by 10%, you get **87, 14.122, 198.456**, and if you desaturate by 10%, it is **90, 1.241, 18.993**.

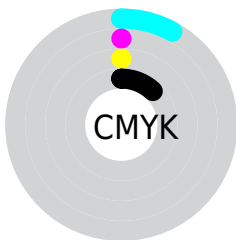
Distribution



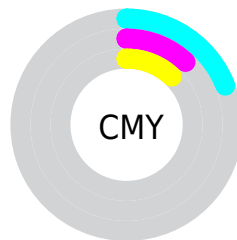
- Red (81%)
- Green (88%)
- Blue (88%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 6.655, 199.033 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, 6.655, 199.033 by changing the saturation by 10% instead.

■ 88, 6.655, 199.033

■ 88, 6.655, 199.033

■ 100, 6.655,
199.033

■ 78, 6.655, 199.033

■ 68, 6.655, 199.033

■ 58, 6.655, 199.033

■ 48, 6.655, 199.033

■ 38, 6.655, 199.033

■ 28, 6.655, 199.033

■ 18, 6.655, 199.033

■ 8, 6.655, 199.033

■ 0, 6.655, 199.033

88, 6.655, 199.033

88, 6.655, 199.033

87, 14.122,
198.456

90, 1.241, 18.993

85, 21.030,
197.974

91, 9.453, 19.996

84, 27.251,
197.553

92, 11.147, 20.119

83, 32.659,
197.195

92, 11.147, 20.109

83, 37.152,
196.901

92, 11.147, 20.099

82, 40.661,
196.674

92, 11.147, 20.089

82, 43.165,
196.513

92, 11.147, 20.078

81, 44.710,
196.414

92, 11.147, 20.068

92, 11.147, 20.058

■ 81, 45.443,
196.366

Harmonies

Complementary

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



88, 6.655, 199.033



84, 7.021, 19.841

Rectangle

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



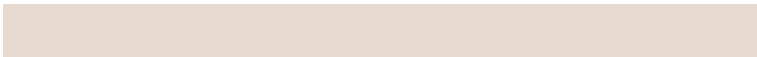
88, 6.655, 199.033



88, 6.655, 249.033



88, 6.655, 19.033



88, 6.655, 69.033

Sweetspot

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



88, 6.656, 199.018



99, 2.650, 199.473



88, 12.062, 143.538



53, 2.005, 199.376



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, 6.656, 199.018



98, 8.687, 198.918



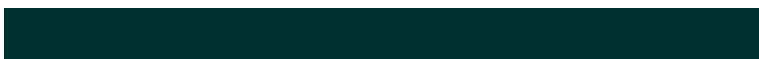
86, 5.867, 254.739



46, 4.454, 198.956



65, 37.944, 196.360



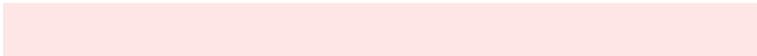
17, 15.586, 196.365

Inverse Universe

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



84, 7.021, 19.841



93, 9.259, 19.969



86, 5.994, 72.511



44, 4.728, 19.919



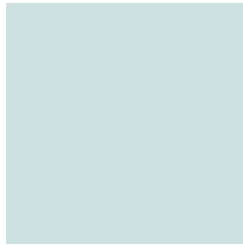
36, 79.106, 39.946



6, 25.540, 20.931

Previews

White Background



This preview shows how the CIELCh color 88, 6.655, 199.033 looks on a white background.

Color Contrast Check

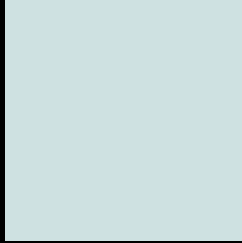
Large Text (above 18pt) WCAG AA × Fail

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, 6.655, 199.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

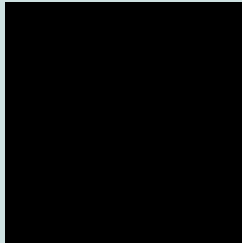
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

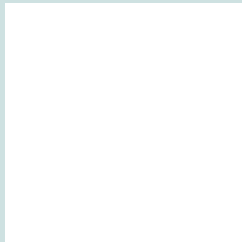
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 6.655, 199.033

Background



This preview shows how black text looks on a background with the CIELCh color 88, 6.655, 199.033.



This preview shows how white text looks on a background with the CIELCh color 88, 6.655, 199.033.

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](#).

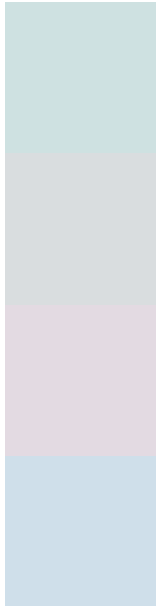
Dichromacy





Tritanopia
88, 10.441, 263.758

Trichromacy



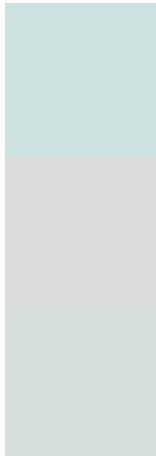
Original Color
88, 6.655, 199.033

Protanomaly
88, 1.756, 236.218

Deuteranomaly
88, 5.308, 327.783

Tritanomaly
88, 7.871, 246.192

Monochromacy



Original Color
88, 6.655, 199.033

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 2.490, 199.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 6.655, 199.033 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(206, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(206, 225, 225)  
}
```

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(206, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 225, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 6.655, 199.033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

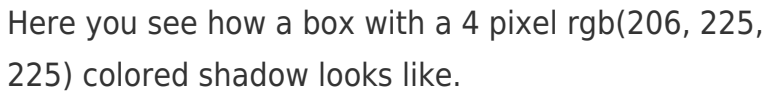
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 225, 225) }
```

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

```
.border{ border-color:rgb(206, 225, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 225, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 225, 225); box-shadow:4px 4px 4px 4px rgb(206, 225, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 6.655, 199.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 225, 225) }
```

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

```
.background{ background-color: rgb(206,  
225, 225) }
```

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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