

Converting Colors

CIELCh(88, 6.303, 193.935)

Have a look what the booklet for
CIELCh(88, 6.303, 193.935) contains.

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Color

CIELCh(88, 6.016, 194.095)

Conversions

Conversions Part 1

Format	Color
Hex	CFE0DF
RGB	207, 224, 223
RGB Percent	81%, 88%, 87%
CMY	0.1874, 0.1207, 0.1246
CMYK	0.08, 0.00, 0.00, 0.12
HSL	176°, 22%, 85%
HSV	176°, 8%, 88%
XYZ	65.8559, 72.0653, 80.4060
YIQ	218.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

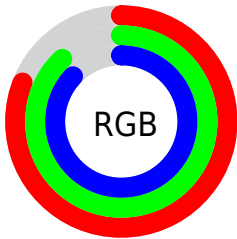
Format	Color
R_{YB}	207, 216, 224
Decimal	13623519
CIE _{Lab}	88.00, -5.83, -1.47
CIE _{LCh}	88, 6.016, 194.095
Yxy	72.0653, 0.3016, 0.3301
Android (android.graphics.Color)	4291813599 (0xFFCFE0DF)
YUV	218.8030, 2.0691, -10.3512
Hunter-Lab	84.8913, -10.0853, 3.2665

Details

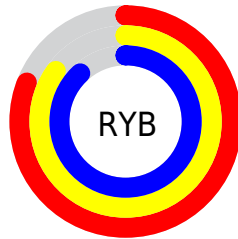
The CIELCh color `88, 6.016, 194.095` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 6.280, 14.986`, and the grayscale version is `87, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 5.950, 193.650` is the 20% darker color. If you saturate the color by 10%, you get `86, 13.624, 193.339`, and if you desaturate by 10%, it is `90, 1.955, 14.371`.

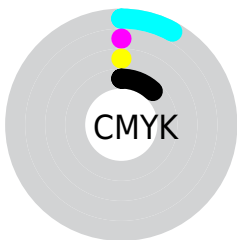
Distribution



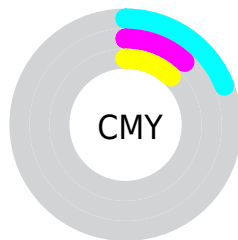
- Red (81%)
- Green (88%)
- Blue (87%)



- 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, 6.016, 194.095 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, 6.016, 194.095 by changing the saturation by 10% instead.

■ 88, 6.016, 194.095

■ 88, 6.016, 194.095

■ 100, 6.016,
194.095

■ 78, 6.016, 194.095

■ 68, 6.016, 194.095

■ 58, 6.016, 194.095

■ 48, 6.016, 194.095

■ 38, 6.016, 194.095

■ 28, 6.016, 194.095

■ 18, 6.016, 194.095

■ 8, 6.016, 194.095

■ 0, 6.016, 194.095

88, 6.016, 194.095

88, 6.016, 194.095

86, 13.624,
193.339

90, 1.955, 14.371

85, 20.738,
192.648

92, 10.182, 15.314

84, 27.227,
191.975

92, 11.318, 12.427

83, 32.960,
191.311

92, 11.408, 9.033

82, 37.820,
190.652

92, 11.538, 5.704

82, 41.723,
189.986

92, 11.708, 2.463

81, 44.631,
189.301

92, 11.916,
359.326

81, 46.569,
188.585

92, 12.158,
356.307

92, 12.435,
353.417

■ 81, 47.657,
187.824

Harmonies

Complementary

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



88, 6.016, 194.095



85, 6.280, 14.986

Rectangle

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



88, 6.016, 194.095



88, 6.016, 244.095



88, 6.016, 14.095



88, 6.016, 64.095

Sweetspot

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



88, 6.017, 194.079



100, 1.779, 194.733



88, 10.621, 142.264



53, 1.011, 194.759



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, 6.017, 194.079



98, 7.900, 193.961



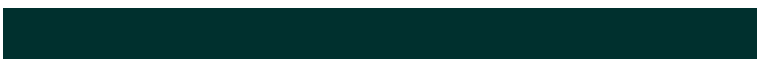
86, 5.090, 248.855



46, 4.490, 193.932



65, 39.894, 187.770



17, 16.237, 189.113

Inverse Universe

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



85, 6.280, 14.986



94, 8.314, 15.124



86, 5.218, 66.949



44, 4.735, 15.159



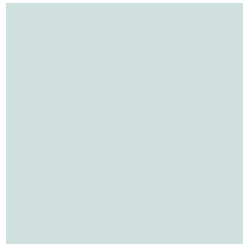
36, 76.652, 37.559



6, 25.411, 18.457

Previews

White Background



This preview shows how the CIELCh color 88, 6.016, 194.095 looks on a white background.

Color Contrast Check

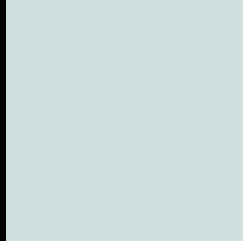
Large Text (above 18pt) WCAG AA × Fail

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, 6.016, 194.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

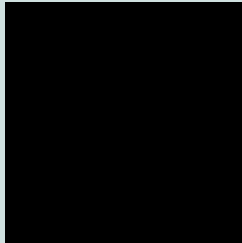
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

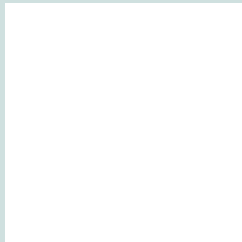
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 6.016, 194.095

Background



This preview shows how black text looks on a background with the CIELCh color 88, 6.016, 194.095.

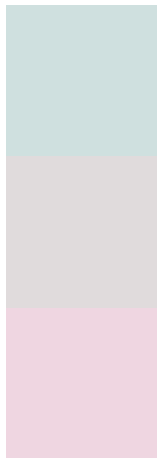


This preview shows how white text looks on a background with the CIELCh color 88, 6.016, 194.095.

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

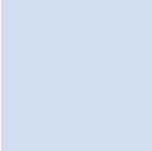
88, 6.016, 194.095

Protanopia

88, 1.884, 3.157

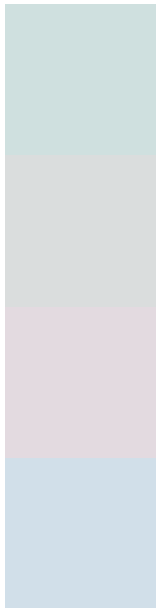
Deuteranopia

88, 10.729, 347.905



Tritanopia
88, 9.696, 265.847

Trichromacy



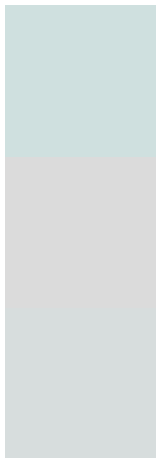
Original Color
88, 6.016, 194.095

Protanomaly
88, 1.071, 199.885

Deuteranomaly
88, 4.528, 335.858

Tritanomaly
88, 7.045, 247.173

Monochromacy



Original Color
88, 6.016, 194.095

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 2.137, 199.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 6.016, 194.095 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(207, 224, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 224, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 6.016, 194.095 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, 223) }
```

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

```
.border{ border-color:rgb(207, 224, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 224, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 224, 223);  
box-shadow:4px 4px 4px 4px rgb(207, 224,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 6.016, 194.095 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, 223) }
```

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

```
.background{ background-color: rgb(207,  
224, 223) }
```

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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