

Converting Colors

CIELCh(88, 3.340, 199.638)

Have a look what the booklet for
CIELCh(88, 3.340, 199.638) contains.

CIELCh(88, 3.542, 199.326)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 3.542, 199.326)

Conversions

Conversions Part 1

Format	Color
Hex	D5DFDF
RGB	213, 223, 223
RGB Percent	84%, 87%, 87%
CMY	0.1657, 0.1264, 0.1265
CMYK	0.04, 0.00, 0.00, 0.13
HSL	180°, 13%, 85%
HSV	180°, 4%, 87%
XYZ	66.9751, 72.0653, 80.0158
YIQ	220.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

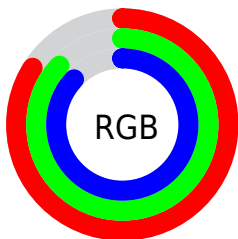
Format	Color
R _Y B	213, 218, 223
Decimal	14016479
CIE Lab	88.00, -3.34, -1.17
CIE LCh	88, 3.542, 199.326
Yxy	72.0653, 0.3057, 0.3290
Android (android.graphics.Color)	4292206559 (0xFFD5DFDF)
YUV	220.0100, 1.4741, -6.1478
Hunter-Lab	84.8913, -7.7318, 3.5390

Details

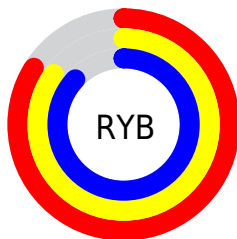
The CIELCh color `88, 3.542, 199.326` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 3.645, 19.485`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 3.722, 199.213` is the 20% darker color. If you saturate the color by 10%, you get `86, 11.146, 198.651`, and if you desaturate by 10%, it is `90, 4.440, 19.557`.

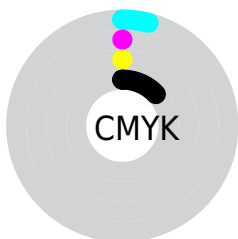
Distribution



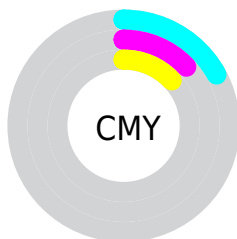
- Red (84%)
- Green (87%)
- Blue (87%)



- Red (84%)
- Yellow (85%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 3.542, 199.326 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, 3.542, 199.326 by changing the saturation by 10% instead.

■ 88, 3.542, 199.326

■ 88, 3.542, 199.326

■ 100, 3.542,
199.326

■ 78, 3.542, 199.326

■ 68, 3.542, 199.326

■ 58, 3.542, 199.326

■ 48, 3.542, 199.326

■ 38, 3.542, 199.326

■ 28, 3.542, 199.326

■ 18, 3.542, 199.326

■ 8, 3.542, 199.326

■ 0, 3.542, 199.326

88, 3.542, 199.326

88, 3.542, 199.326

86, 11.146,
198.651

90, 4.440, 19.557

85, 18.246,
198.143

91, 11.832, 20.168

84, 24.714,
197.697

91, 11.832, 20.149

83, 30.424,
197.312

91, 11.832, 20.129

82, 35.262,
196.991

91, 11.832, 20.110

82, 39.145,
196.736

91, 11.832, 20.091

81, 42.033,
196.548

91, 11.831, 20.071

81, 43.941,
196.423

91, 11.831, 20.052

91, 11.831, 20.033

■ 81, 44.956,
196.354

Harmonies

Complementary

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



88, 3.542, 199.326



86, 3.645, 19.485

Rectangle

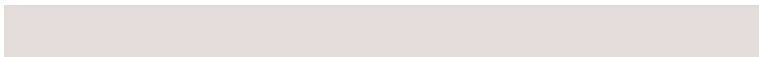
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



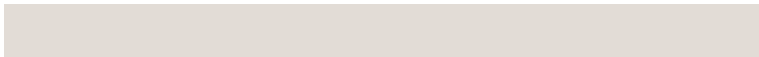
88, 3.542, 199.326



88, 3.542, 249.326



88, 3.542, 19.326



88, 3.542, 69.326

Sweetspot

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



88, 3.543, 199.296



100, 0.886, 200.068



88, 6.338, 143.794



53, 0.504, 200.109



0, 0.000, 0.000



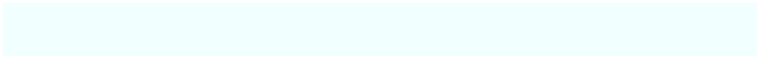
53, 0.007, 296.813

Same Dimension

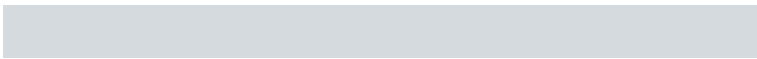
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 3.543, 199.296



99, 4.397, 199.248



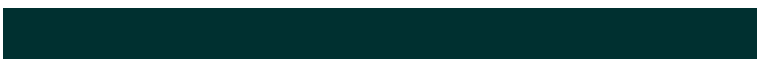
87, 3.104, 254.276



47, 2.697, 199.197



65, 37.949, 196.333



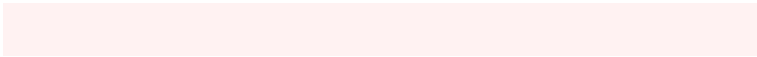
17, 15.588, 196.342

Inverse Universe

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



86, 3.645, 19.485



97, 4.539, 19.538



87, 3.128, 72.926



45, 2.795, 19.595



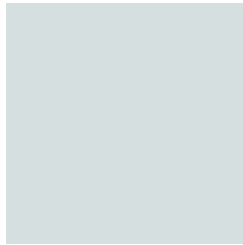
36, 79.098, 39.938



6, 25.540, 20.924

Previews

White Background



This preview shows how the CIELCh color 88, 3.542, 199.326 looks on a white background.

Color Contrast Check

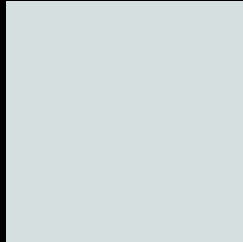
Large Text (above 18pt) WCAG AA × Fail

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, 3.542, 199.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

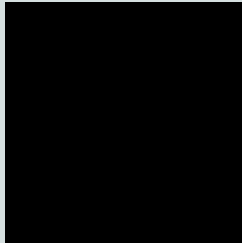
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

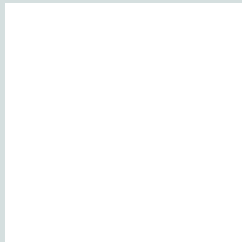
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 3.542, 199.326

Background



This preview shows how black text looks on a background with the CIELCh color 88, 3.542, 199.326.

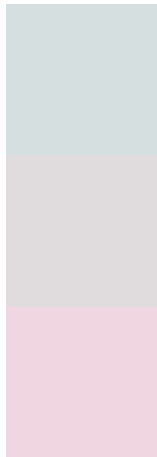


This preview shows how white text looks on a background with the CIELCh color 88, 3.542, 199.326.

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, 3.542, 199.326

Protanopia

88, 2.095, 349.382

Deuteranopia

88, 11.038, 348.953



Tritanopia
88, 9.531, 280.538

Trichromacy



Original Color
88, 3.542, 199.326

Protanomaly
88, 1.054, 290.330

Deuteranomaly
88, 5.964, 342.013

Tritanomaly
88, 6.202, 267.499

Monochromacy



Original Color
88, 3.542, 199.326

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.427, 199.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 3.542, 199.326 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(213, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(213, 223, 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(213, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 223, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 3.542, 199.326 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(213, 223, 223) }
```

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

```
.border{ border-color:rgb(213, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(213, 223,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 3.542, 199.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 223, 223) }
```

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

```
.background{ background-color: rgb(213,  
223, 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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