

Converting Colors

CIELCh(88, 2.427, 174.350)

Have a look what the booklet for
CIELCh(88, 2.427, 174.350) contains.

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Color

CIELCh(88, 2.393, 173.658)

Conversions

Conversions Part 1

Format	Color
Hex	D8DEDC
RGB	216, 222, 220
RGB Percent	85%, 87%, 86%
CMY	0.1526, 0.1291, 0.1369
CMYK	0.03, 0.00, 0.01, 0.13
HSL	160°, 8%, 86%
HSV	160°, 3%, 87%
XYZ	67.4114, 72.0653, 78.1203
YIQ	219.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

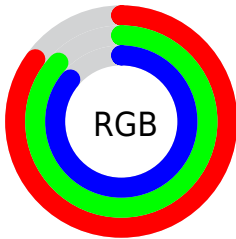
Format	Color
R _Y B	216, 220, 222
Decimal	14212828
CIE Lab	88.00, -2.38, 0.26
CIE LCh	88, 2.393, 173.658
Yxy	72.0653, 0.3098, 0.3312
Android (android.graphics.Color)	4292402908 (0xFFD8DEDC)
YUV	219.9780, 0.0108, -3.4887
Hunter-Lab	84.8913, -6.8144, 4.8629

Details

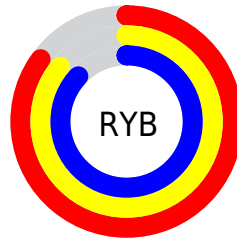
The CIELCh color **88, 2.393, 173.658** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 2.422, 353.703**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 2.524, 173.535** is the 20% darker color. If you saturate the color by 10%, you get **86, 11.215, 172.527**, and if you desaturate by 10%, it is **90, 6.494, 354.218**.

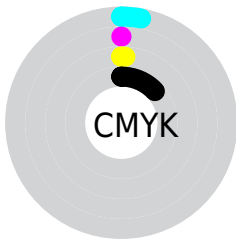
Distribution



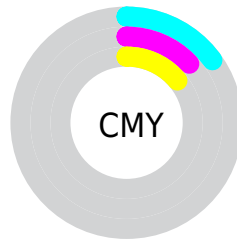
- Red (85%)
- Green (87%)
- Blue (86%)



- Red (85%)
- Yellow (86%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 2.393, 173.658 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, 2.393, 173.658 by changing the saturation by 10% instead.

■ 88, 2.393, 173.658

■ 88, 2.393, 173.658

■ 100, 2.393,
173.658

■ 78, 2.393, 173.658

■ 68, 2.393, 173.658

■ 58, 2.393, 173.658

■ 48, 2.393, 173.658

■ 38, 2.393, 173.658

■ 28, 2.393, 173.658

■ 18, 2.393, 173.658

■ 8, 2.393, 173.658

■ 0, 2.393, 173.658

88, 2.393, 173.658

88, 2.393, 173.658

86, 11.215,
172.527

90, 6.494, 354.218

85, 19.857,
171.494

91, 13.584,
351.249

83, 28.188,
170.380

92, 15.731,
338.914

82, 36.064,
169.159

92, 18.445,
329.947

81, 43.335,
167.806

92, 20.600,
325.141

80, 49.863,
166.294

80, 55.543,
164.599

79, 60.327,
162.702

■ 79, 64.243,
160.598

Harmonies

Complementary

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



88, 2.393, 173.658



87, 2.422, 353.703

Rectangle

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



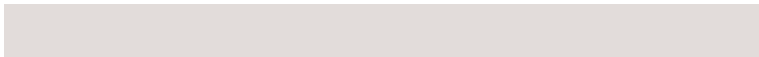
88, 2.393, 173.658



88, 2.393, 223.658



88, 2.393, 353.658



88, 2.393, 43.658

Sweetspot

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



88, 2.395, 173.631



100, 0.987, 174.140



88, 3.437, 134.072



53, 0.561, 174.174



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, 2.395, 173.631



99, 2.973, 173.580



88, 1.871, 214.170



47, 2.030, 173.473



64, 55.694, 159.366



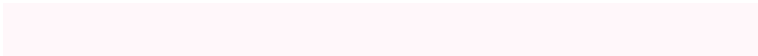
17, 21.376, 163.612

Inverse Universe

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



87, 2.422, 353.703



98, 3.007, 353.754



87, 1.900, 33.540



46, 2.055, 353.862



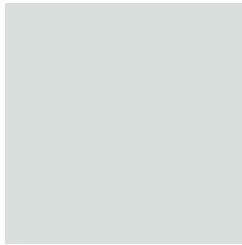
37, 65.361, 17.786



6, 25.435, 5.816

Previews

White Background



This preview shows how the CIELCh color 88, 2.393, 173.658 looks on a white background.

Color Contrast Check

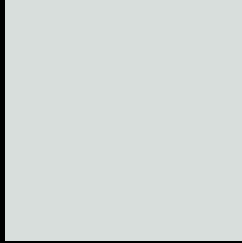
Large Text (above 18pt) WCAG AA × Fail

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, 2.393, 173.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

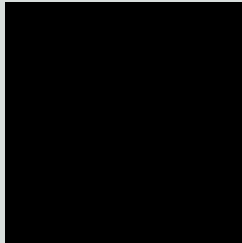
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

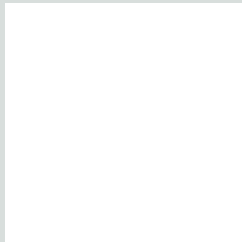
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 2.393, 173.658

Background



This preview shows how black text looks on a background with the CIELCh color 88, 2.393, 173.658.

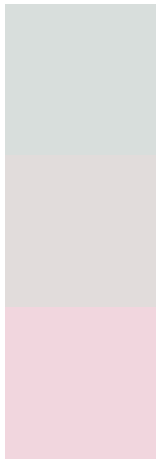


This preview shows how white text looks on a background with the CIELCh color 88, 2.393, 173.658.

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, 2.393, 173.658

Protanopia

88, 1.872, 35.350

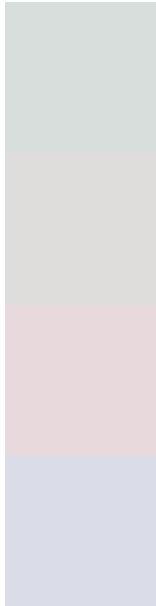
Deuteranopia

88, 10.683, 357.254



Tritanopia
88, 9.411, 290.960

Trichromacy



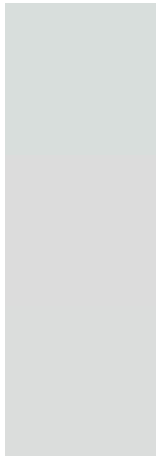
Original Color
88, 2.393, 173.658

Protanomaly
88, 1.089, 90.721

Deuteranomaly
88, 5.834, 358.827

Tritanomaly
88, 5.782, 283.698

Monochromacy



Original Color
88, 2.393, 173.658

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 0.885, 164.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 2.393, 173.658 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(216, 222, 220)` looks like.

```
.text, #text, p{  
    color:rgb(216, 222, 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(216, 222, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 222, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 2.393, 173.658 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(216, 222, 220) }
```

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

```
.border{ border-color:rgb(216, 222, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 222, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 222, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 222, 220); box-shadow:4px 4px 4px 4px rgb(216, 222, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 2.393, 173.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 222, 220) }
```

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

```
.background{ background-color: rgb(216,  
222, 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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