

Converting Colors

CIELCh(88, 1.729, 217.973)

Have a look what the booklet for
CIELCh(88, 1.729, 217.973) contains.

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Color

CIELCh(88, 1.847, 216.030)

Conversions

Conversions Part 1

Format	Color
Hex	D9DEDF
RGB	217, 222, 223
RGB Percent	85%, 87%, 87%
CMY	0.1504, 0.1308, 0.1269
CMYK	0.03, 0.00, 0.00, 0.13
HSL	190°, 8%, 86%
HSV	190°, 3%, 87%
XYZ	67.8135, 72.0653, 79.9018
YIQ	220.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

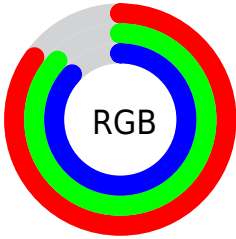
Format	Color
RYB	217, 220, 223
Decimal	14278367
CIELab	88.00, -1.49, -1.09
CIELCh	88, 1.847, 216.030
Yxy	72.0653, 0.3086, 0.3279
Android (android.graphics.Color)	4292468447 (0xFFD9DEDF)
YUV	220.6190, 1.1738, -3.1739
Hunter-Lab	84.8913, -5.9690, 3.6187

Details

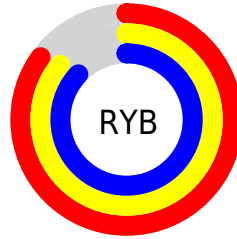
The CIELCh color `88, 1.847, 216.030` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87, 1.876, 35.287`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 1.943, 215.964` is the 20% darker color. If you saturate the color by 10%, you get `85, 8.485, 215.870`, and if you desaturate by 10%, it is `91, 5.108, 35.468`.

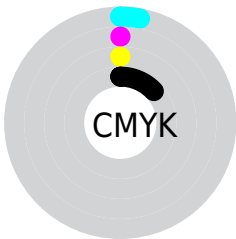
Distribution



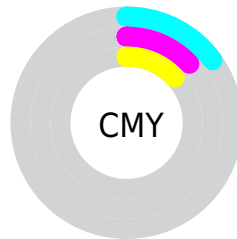
- Red (85%)
- Green (87%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 1.847, 216.030 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, 1.847, 216.030 by changing the saturation by 10% instead.

■ 88, 1.847, 216.030

■ 88, 1.847, 216.030

■ 100, 1.847,
216.030

■ 78, 1.847, 216.030

■ 68, 1.847, 216.030

■ 58, 1.847, 216.030

■ 48, 1.847, 216.030

■ 38, 1.847, 216.030

■ 28, 1.847, 216.030

■ 18, 1.847, 216.030

■ 8, 1.847, 216.030

■ 0, 1.847, 216.030

88, 1.847, 216.030

88, 1.847, 216.030

85, 8.485, 215.870

91, 5.108, 35.468

83, 14.711,
216.139

93, 10.080, 38.953

94, 9.673, 52.113

81, 20.422,
216.602

95, 9.808, 65.617

79, 25.509,
217.292

96, 10.461, 78.050

96, 11.541, 88.553

77, 29.867,
218.261

97, 12.938, 96.990

75, 33.408,
219.574

98, 14.557,
103.633

73, 36.079,
221.300

99, 16.329,
108.858

72, 37.883,
223.514

■ 71, 38.899,
226.276

Harmonies

Complementary

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



88, 1.847, 216.030



87, 1.876, 35.287

Rectangle

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



88, 1.847, 216.030



88, 1.847, 266.030



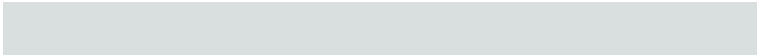
88, 1.847, 36.030



88, 1.847, 86.030

Sweetspot

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



88, 1.848, 215.962



100, 0.770, 216.481



88, 3.435, 148.774



53, 0.438, 216.525



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

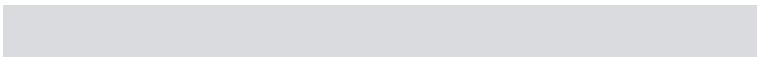
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 1.848, 215.962



99, 2.295, 215.930



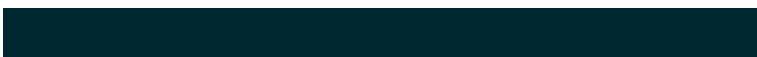
87, 2.168, 270.232



47, 1.563, 215.881



56, 32.962, 228.020



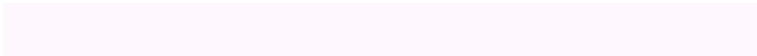
14, 13.592, 222.204

Inverse Universe

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



87, 3.414, 329.438



98, 4.244, 329.469



88, 2.152, 89.310



46, 2.898, 329.531



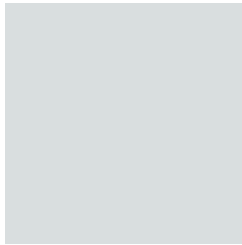
40, 76.891, 336.127



7, 32.109, 334.628

Previews

White Background



This preview shows how the CIELCh color 88, 1.847, 216.030 looks on a white background.

Color Contrast Check

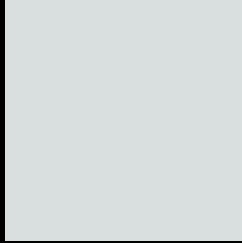
Large Text (above 18pt) WCAG AA × Fail

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, 1.847, 216.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

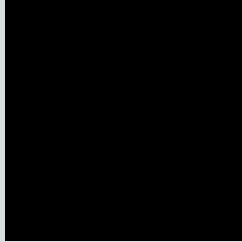
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

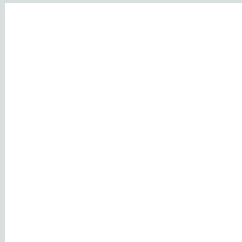
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 1.847, 216.030

Background



This preview shows how black text looks on a background with the CIELCh color 88, 1.847, 216.030.

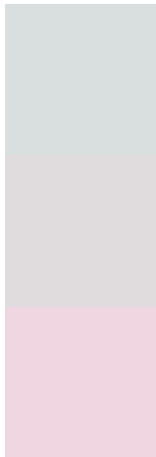


This preview shows how white text looks on a background with the CIELCh color 88, 1.847, 216.030.

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, 1.847, 216.030

Protanopia

88, 2.095, 349.382

Deuteranopia

88, 10.787, 351.333



Tritanopia
88, 9.411, 290.960

Trichromacy



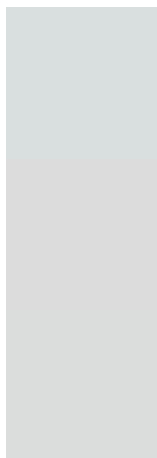
Original Color
88, 1.847, 216.030

Protanomaly
88, 1.118, 308.993

Deuteranomaly
88, 6.550, 345.967

Tritanomaly
88, 6.300, 284.328

Monochromacy



Original Color
88, 1.847, 216.030

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 0.714, 200.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 1.847, 216.030 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(217, 222, 223)` looks like.

```
.text, #text, p{  
    color:rgb(217, 222, 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(217, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 222, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 1.847, 216.030 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(217, 222, 223) }
```

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

```
.border{ border-color:rgb(217, 222, 223) }
```

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

Here you see how a box with a 4 pixel rgb(217, 222, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(217, 222,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 1.847, 216.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 222, 223) }
```

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

```
.background{ background-color: rgb(217,  
222, 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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