

Converting Colors

CIELCh(88, 21.153, 116.140)

Have a look what the booklet for
CIELCh(88, 21.153, 116.140)
contains.

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Color

CIELCh(88, 21.450, 116.549)

Conversions

Conversions Part 1

Format	Color
Hex	D9E1B8
RGB	217, 225, 184
RGB Percent	85%, 88%, 72%
CMY	0.1490, 0.1176, 0.2784
CMYK	0.04, 0.00, 0.18, 0.12
HSL	72°, 41%, 80%
HSV	72°, 18%, 88%
XYZ	64.1944, 72.0653, 55.8759
YIQ	217.9340, 8.3930, -14.4470

Conversions

Conversions Part 2

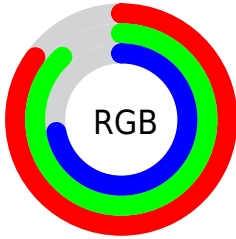
Format	Color
RYB	184, 225, 192
Decimal	14279096
CIELab	88.00, -9.59, 19.19
CIELCh	88, 21.450, 116.549
Yxy	72.0653, 0.3341, 0.3751
Android (android.graphics.Color)	4292469176 (0xFFD9E1B8)
YUV	217.9340, -16.7295, -0.8191
Hunter-Lab	84.8913, -13.5788, 20.3989

Details

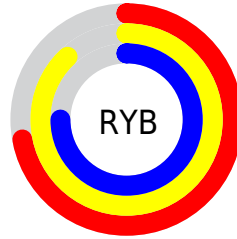
The CIELCh color **88, 21.450, 116.549** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **77, 22.309, 299.215**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **68, 21.489, 116.660** is the 20% darker color. If you saturate the color by 10%, you get **87, 33.070, 115.854**, and if you desaturate by 10%, it is **89, 9.698, 117.250**.

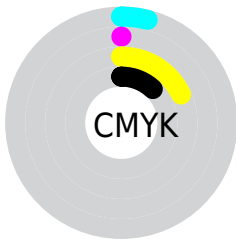
Distribution



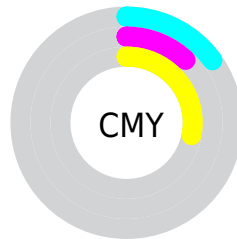
- Red (85%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 21.450, 116.549 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, 21.450, 116.549 by changing the saturation by 10% instead.


 88, 21.450,
116.549


 88, 21.450,
116.549

 100, 21.450,
116.549


 78, 21.450,
116.549

 68, 21.450,
116.549

 58, 21.450,
116.549

 48, 21.450,
116.549

 38, 21.450,
116.549

 28, 21.450,
116.549

 18, 21.450,

116.549

■ 8, 21.450, 116.549

■ 0, 21.450, 116.549

■ 88, 21.450,
116.549

■ 88, 21.450,
116.549

■ 87, 33.070,
115.854

■ 89, 9.698, 117.250

■ 87, 44.428,
115.175

■ 90, 2.110, 297.924

■ 86, 55.339,
114.549

■ 91, 13.915,
298.581

■ 85, 65.521,
114.024

■ 91, 15.965,
303.203

■ 85, 74.570,

■ 91, 16.349,
308.403

113.668

92, 16.860,
313.368

85, 81.959,
113.568

92, 17.489,
318.049

84, 87.165,
113.815

92, 18.226,
322.415

84, 90.030,
114.452

93, 18.758,
325.076

84, 90.432,
114.580

Harmonies

Complementary

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



88, 21.450, 116.549



77, 22.309, 299.215

Rectangle

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



88, 21.450, 116.549



88, 21.450, 166.549



88, 21.450, 296.549



88, 21.450, 346.549

Sweetspot

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



88, 21.452, 116.553



100, 6.525, 117.470



80, 13.502, 37.401



53, 4.452, 117.421



0, 0.000, 0.000



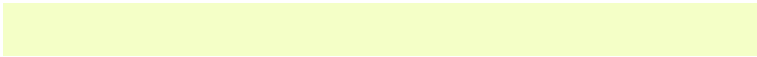
53, 0.007, 296.813

Same Dimension

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



88, 21.452, 116.553



98, 28.622, 116.277



87, 23.813, 134.393



47, 6.682, 117.166



67, 75.195, 114.405



18, 28.408, 114.552

Inverse Universe

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



77, 22.309, 299.215



83, 30.036, 299.569



78, 24.166, 315.971



43, 6.822, 298.490



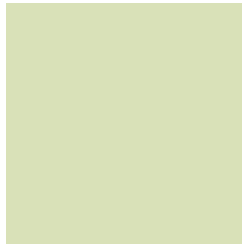
22, 99.805, 307.242



3, 31.999, 300.533

Previews

White Background



This preview shows how the CIELCh color 88, 21.450, 116.549 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, 21.450, 116.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

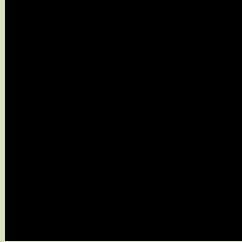
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

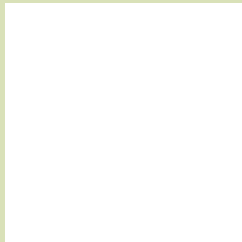
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 21.450, 116.549

Background



This preview shows how black text looks on a background with the CIELCh color 88, 21.450, 116.549.



This preview shows how white text looks on a background with the CIELCh color 88, 21.450, 116.549.

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, 21.450, 116.549

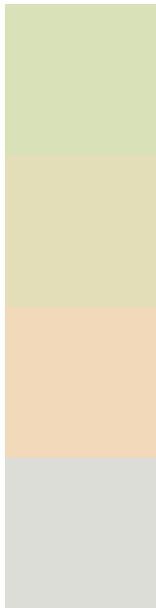
Protanopia
88, 20.357, 94.236

Deuteranopia
88, 21.023, 58.170



Tritanopia
88, 9.166, 304.157

Trichromacy



Original Color
88, 21.450, 116.549

Protanomaly
88, 20.302, 103.056

Deuteranomaly
88, 18.643, 79.007

Tritanomaly
88, 2.595, 109.935

Monochromacy



Original Color
88, 21.450, 116.549

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 7.892, 117.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 21.450, 116.549 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, 225, 184)` looks like.

```
.text, #text, p{  
    color:rgb(217, 225, 184)  
}
```

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, 225, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 225, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 21.450, 116.549 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, 225, 184) }
```

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

```
.border{ border-color:rgb(217, 225, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 225, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 225, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 225, 184); box-shadow:4px 4px 4px 4px rgb(217, 225, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 21.450, 116.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 225, 184) }
```

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

```
.background{ background-color: rgb(217,  
225, 184) }
```

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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