

Converting Colors

CIELCh(88, 21.808, 134.951)

Have a look what the booklet for
CIELCh(88, 21.808, 134.951)
contains.

CIELCh(88, 21.546, 135.099)	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, 21.546, 135.099)

Conversions

Conversions Part 1

Format	Color
Hex	CAE4BF
RGB	202, 228, 191
RGB Percent	79%, 89%, 75%
CMY	0.2065, 0.1045, 0.2496
CMYK	0.11, 0.00, 0.16, 0.10
HSL	102°, 41%, 82%
HSV	102°, 16%, 90%
XYZ	61.7355, 72.0653, 60.1460
YIQ	216.0080, -3.6190, -17.0190

Conversions

Conversions Part 2

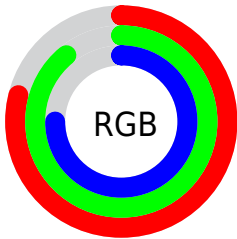
Format	Color
RYB	191, 228, 217
Decimal	13296831
CIELab	88.00, -15.26, 15.21
CIELCh	88, 21.546, 135.099
Yxy	72.0653, 0.3183, 0.3716
Android (android.graphics.Color)	4291486911 (0xFFCAE4BF)
YUV	216.0080, -12.3289, -12.2850
Hunter-Lab	84.8913, -18.7491, 17.4166

Details

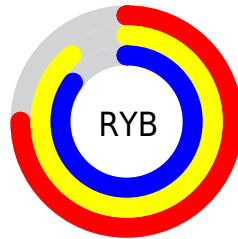
The CIELCh color **88, 21.546, 135.099** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 21.815, 316.499**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **68, 21.550, 135.274** is the 20% darker color. If you saturate the color by 10%, you get **87, 34.875, 134.582**, and if you desaturate by 10%, it is **90, 8.218, 135.581**.

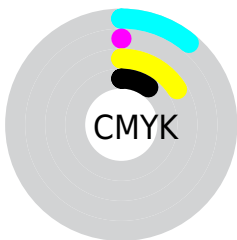
Distribution



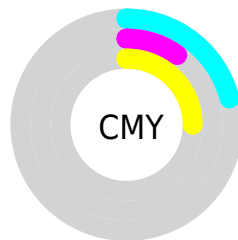
- Red (79%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)




- Cyan (21%)
- Magenta (10%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 21.546, 135.099 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, 21.546, 135.099 by changing the saturation by 10% instead.


 88, 21.546,
135.099

 88, 21.546,
135.099


 100, 21.546,
135.099


 78, 21.546,
135.099

 68, 21.546,
135.099

 58, 21.546,
135.099

 48, 21.546,
135.099

 38, 21.546,
135.099


 28, 21.546,
135.099

 18, 21.546,


135.099

 8, 21.546, 135.099

 0, 21.546, 135.099

 88, 21.546,
135.099

 88, 21.546,
135.099


 87, 34.875,
134.582


 90, 8.218, 135.581


 85, 48.042,
134.029

 91, 5.005, 315.931

 84, 60.833,
133.464

 93, 15.830,
320.186

 83, 72.944,
132.935

 94, 16.650,
325.001

 82, 83.961,

132.517

■ 81, 93.350,
132.327

■ 81, 100.536,
132.494

■ 80, 105.148,
133.102

■ 80, 106.437,
133.371

Harmonies

Complementary

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



88, 21.546, 135.099



81, 21.815, 316.499

Rectangle

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



88, 21.546, 135.099



88, 21.546, 185.099



88, 21.546, 315.099



88, 21.546, 5.099

Sweetspot

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



88, 21.548, 135.100



99, 7.231, 135.638



87, 14.133, 91.676



53, 4.936, 135.604



0, 0.000, 0.000



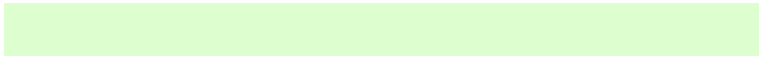
53, 0.007, 296.813

Same Dimension

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



88, 21.548, 135.100



97, 27.641, 134.954



87, 20.551, 149.430



47, 7.562, 135.427



64, 88.306, 133.168



18, 34.258, 133.413

Inverse Universe

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



81, 21.815, 316.499



87, 28.040, 316.628



81, 20.626, 331.536



45, 7.623, 316.201



33, 91.569, 317.473



6, 36.754, 318.218

Previews

White Background



This preview shows how the CIELCh color 88, 21.546, 135.099 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, 21.546, 135.099 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

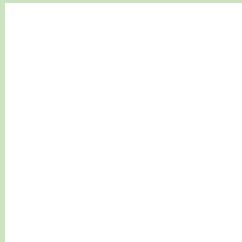
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 21.546, 135.099

Background



This preview shows how black text looks on a background with the CIELCh color 88, 21.546, 135.099.



This preview shows how white text looks on a background with the CIELCh color 88, 21.546, 135.099.

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](#).

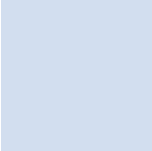
Dichromacy



Original Color
88, 21.546, 135.099

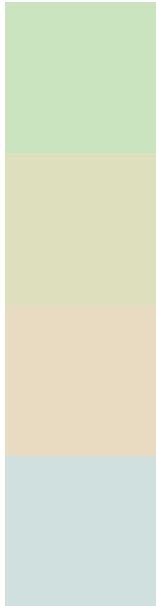
Protanopia
88, 17.744, 93.721

Deuteranopia
88, 17.450, 50.549



Tritanopia
88, 9.696, 265.847

Trichromacy



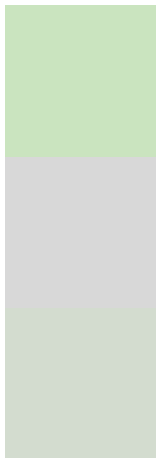
Original Color
88, 21.546, 135.099

Protanomaly
88, 17.651, 111.157

Deuteranomaly
88, 13.724, 84.632

Tritanomaly
88, 6.103, 189.208

Monochromacy



Original Color
88, 21.546, 135.099

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 7.564, 135.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 21.546, 135.099 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(202, 228, 191)` looks like.

```
.text, #text, p{  
    color:rgb(202, 228, 191)  
}
```

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(202, 228, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 228, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 21.546, 135.099 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(202, 228, 191) }
```

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

```
.border{ border-color:rgb(202, 228, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 228, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 228, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 228, 191);  
box-shadow:4px 4px 4px 4px rgb(202, 228,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 21.546, 135.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 228, 191) }
```

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

```
.background{ background-color: rgb(202,  
228, 191) }
```

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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