

Converting Colors

CIELCh(88, 21.014, 130.727)

Have a look what the booklet for
CIELCh(88, 21.014, 130.727)
contains.

CIELCh(88, 20.773, 130.685)	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, 20.773, 130.685)

Conversions

Conversions Part 1

Format	Color
Hex	CEE3BE
RGB	206, 227, 190
RGB Percent	81%, 89%, 75%
CMY	0.1906, 0.1082, 0.2534
CMYK	0.09, 0.00, 0.16, 0.11
HSL	94°, 40%, 82%
HSV	94°, 16%, 89%
XYZ	62.4740, 72.0653, 59.5506
YIQ	216.5030, -0.6390, -15.9590

Conversions

Conversions Part 2

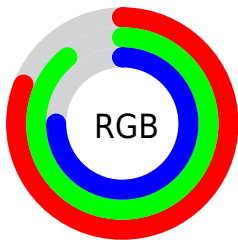
Format	Color
RYB	190, 227, 211
Decimal	13558718
CIELab	88.00, -13.54, 15.75
CIELCh	88, 20.773, 130.685
Yxy	72.0653, 0.3219, 0.3713
Android (android.graphics.Color)	4291748798 (0xFFCEE3BE)
YUV	216.5030, -13.0660, -9.2111
Hunter-Lab	84.8913, -17.1964, 17.8324

Details

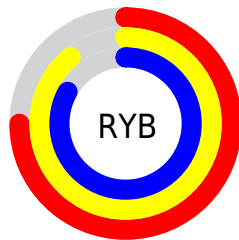
The CIELCh color **88, 20.773, 130.685** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **80, 21.172, 312.099**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **68, 20.721, 130.642** is the 20% darker color. If you saturate the color by 10%, you get **87, 33.528, 130.205**, and if you desaturate by 10%, it is **89, 7.990, 131.149**.

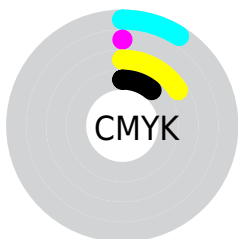
Distribution



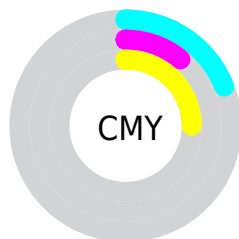
- Red (81%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (83%)



- Cyan (9%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 20.773, 130.685 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, 20.773, 130.685 by changing the saturation by 10% instead.

■ 88, 20.773,
130.685

■ 88, 20.773,
130.685

■ 100, 20.773,
130.685

■ 78, 20.773,
130.685

■ 68, 20.773,
130.685

■ 58, 20.773,
130.685

■ 48, 20.773,
130.685

■ 38, 20.773,
130.685


■ 28, 20.773,
130.685


■ 18, 20.773,


130.685

 8, 20.773, 130.685


 0, 20.773, 130.685

 88, 20.773,
130.685

 88, 20.773,
130.685


 87, 33.528,
130.205


 89, 7.990, 131.149


 85, 46.115,
129.713

 91, 4.734, 311.511

 84, 58.344,
129.240

 92, 15.609,
314.301

 83, 69.940,
128.838

 93, 17.255,
325.023

 83, 80.518,

128.589

■ 82, 89.569,
128.607

■ 81, 96.546,
129.024

■ 81, 101.103,
129.927

■ 81, 102.403,
130.313

Harmonies

Complementary

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



88, 20.773, 130.685



80, 21.172, 312.099

Rectangle

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



88, 20.773, 130.685



88, 20.773, 180.685



88, 20.773, 310.685



88, 20.773, 0.685

Sweetspot

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



88, 20.775, 130.687



99, 6.977, 131.208



85, 12.561, 80.166



53, 4.762, 131.174



0, 0.000, 0.000



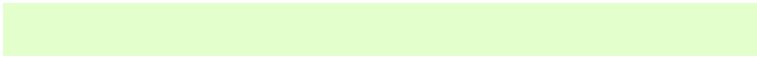
53, 0.007, 296.813

Same Dimension

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



88, 20.775, 130.687



97, 28.017, 130.504



87, 22.621, 145.255



47, 7.292, 131.003



65, 85.214, 130.064



18, 32.964, 129.791

Inverse Universe

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



80, 21.172, 312.099



86, 28.679, 312.281



81, 22.652, 327.198



45, 7.378, 311.785



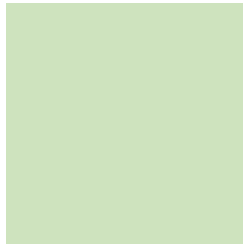
29, 94.083, 313.572



5, 36.036, 313.444

Previews

White Background



This preview shows how the CIELCh color 88, 20.773, 130.685 looks on a white background.

Color Contrast Check

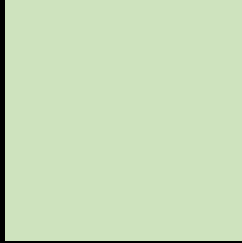
Large Text (above 18pt) WCAG AA × Fail

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, 20.773, 130.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

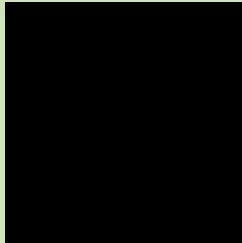
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

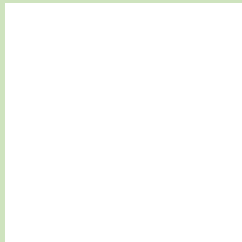
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 20.773, 130.685

Background



This preview shows how black text looks on a background with the CIELCh color 88, 20.773, 130.685.

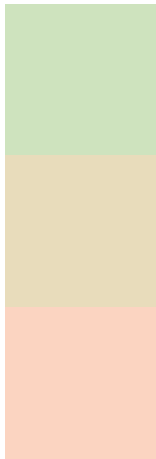


This preview shows how white text looks on a background with the CIELCh color 88, 20.773, 130.685.

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, 20.773, 130.685

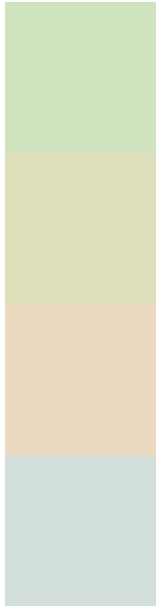
Protanopia
88, 17.744, 93.721

Deuteranopia
88, 18.056, 53.240



Tritanopia
88, 9.153, 275.641

Trichromacy



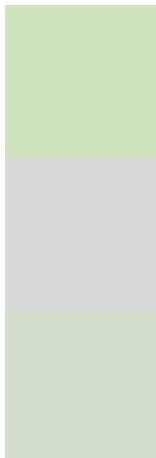
Original Color
88, 20.773, 130.685

Protanomaly
88, 18.144, 108.658

Deuteranomaly
88, 15.004, 83.461

Tritanomaly
88, 4.399, 185.492

Monochromacy



Original Color
88, 20.773, 130.685

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 7.885, 131.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 20.773, 130.685 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(206, 227, 190)` looks like.

```
.text, #text, p{  
    color:rgb(206, 227, 190)  
}
```

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(206, 227, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 227, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 20.773, 130.685 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(206, 227, 190) }
```

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

```
.border{ border-color:rgb(206, 227, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 227, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 227, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 227, 190);  
box-shadow:4px 4px 4px 4px rgb(206, 227,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 20.773, 130.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 227, 190) }
```

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

```
.background{ background-color: rgb(206,  
227, 190) }
```

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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