

Converting Colors

CIELCh(88, 20.234, 126.882)

Have a look what the booklet for
CIELCh(88, 20.234, 126.882)
contains.

CIELCh(88, 20.234, 126.882)	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, 20.234, 126.882)

Conversions

Conversions Part 1	
Format	Color
Hex	D2E3BE
RGB	210, 227, 190
RGB Percent	82%, 89%, 75%
CMY	0.1780, 0.1113, 0.2564
CMYK	0.08, 0.00, 0.16, 0.11
HSL	88°, 39%, 82%
HSV	88°, 16%, 89%
XYZ	63.0786, 72.0653, 59.0796
YIQ	217.6990, 1.7450, -15.1110

Conversions

Conversions Part 2

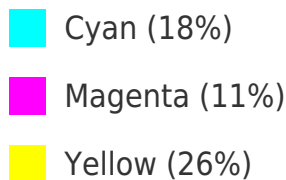
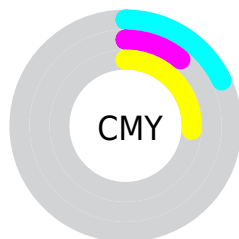
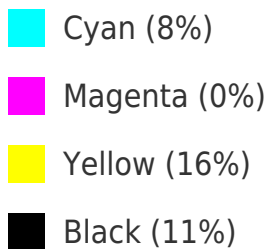
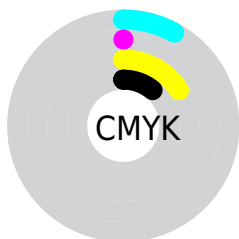
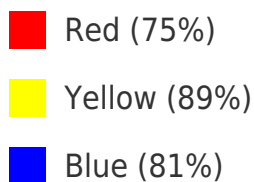
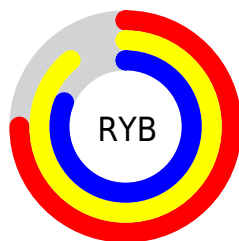
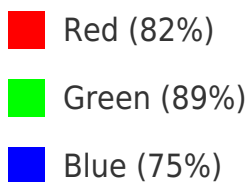
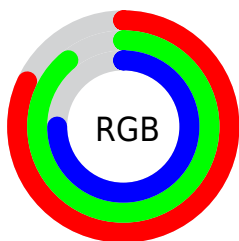
Format	Color
RYB	190, 227, 207
Decimal	13820862
CIELab	88.00, -12.14, 16.18
CIELCh	88, 20.234, 126.882
Yxy	72.0653, 0.3248, 0.3710
Android (android.graphics.Color)	4292010942 (0xFFD2E3BE)
YUV	217.6990, -13.6556, -6.7520
Hunter-Lab	84.8913, -15.9249, 18.1614

Details

The CIELCh color **88, 20.234, 126.882** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **79, 20.735, 308.432**, 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, 20.278, 127.648** is the 20% darker color. If you saturate the color by 10%, you get **87, 32.584, 126.388**, and if you desaturate by 10%, it is **89, 7.828, 127.371**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 20.234, 126.882 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, 20.234, 126.882 by changing the saturation by 10% instead.


 88, 20.234,
126.882


 88, 20.234,
126.882


 100, 20.234,
126.882


 78, 20.234,
126.882

 68, 20.234,
126.882

 58, 20.234,
126.882

 48, 20.234,
126.882

 38, 20.234,
126.882


 28, 20.234,
126.882


 18, 20.234,


126.882

 8, 20.234, 126.882

 0, 20.234, 126.882

 88, 20.234,
126.882


 88, 20.234,
126.882


 87, 32.584,
126.388


 89, 7.828, 127.371


 86, 44.748,
125.894

 91, 4.555, 307.779


 85, 56.548,
125.436

 92, 15.573,
309.623


 84, 67.721,
125.066


 93, 17.065,
321.328


 83, 77.891,


 93, 17.753,
325.040

124.867

 82, 86.560,
124.949

 82, 93.191,
125.443

 81, 97.461,
126.437

 81, 98.665,
126.861

Harmonies

Complementary

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



88, 20.234, 126.882



79, 20.735, 308.432

Rectangle

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



88, 20.234, 126.882



88, 20.234, 176.882



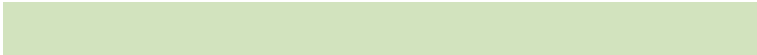
88, 20.234, 306.882



88, 20.234, 356.882

Sweetspot

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



88, 20.236, 126.885



99, 6.807, 127.434



84, 11.695, 67.910



53, 4.645, 127.399



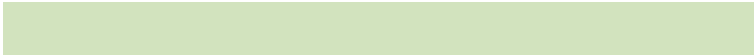
0, 0.000, 0.000



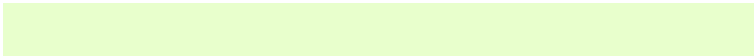
53, 0.007, 296.813

Same Dimension

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



88, 20.236, 126.885



97, 27.278, 126.697



87, 23.295, 142.156



47, 6.979, 127.220



65, 81.459, 126.584



17, 30.433, 126.479

Inverse Universe

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



79, 20.735, 308.432



85, 28.111, 308.636



81, 23.351, 323.931



44, 7.083, 308.077



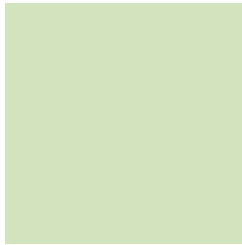
26, 95.250, 311.057



4, 33.199, 308.785

Previews

White Background



This preview shows how the CIELCh color 88, 20.234, 126.882 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, 20.234, 126.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

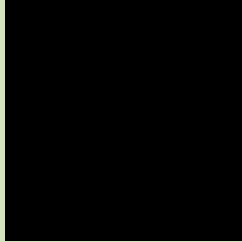
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

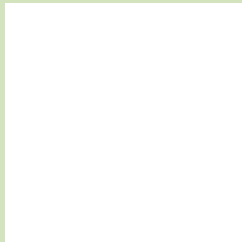
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 20.234, 126.882

Background



This preview shows how black text looks on a background with the CIELCh color 88, 20.234, 126.882.



This preview shows how white text looks on a background with the CIELCh color 88, 20.234, 126.882.

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, 20.234, 126.882

Protanopia

88, 18.247, 94.077

Deuteranopia

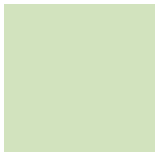
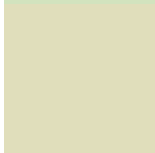

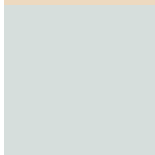
88, 18.389, 52.586



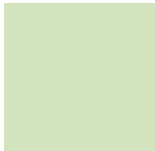
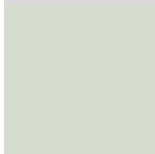
Tritanopia

88, 8.925, 284.234

Trichromacy

	Original Color 88, 20.234, 126.882
	Protanomaly 88, 18.169, 106.252
	Deuteranomaly 88, 15.103, 78.725
	Tritanomaly 88, 3.049, 179.367

Monochromacy

	Original Color 88, 20.234, 126.882
	Achromatopsia 87, 0.010, 296.813
	Achromatomaly 87, 7.142, 127.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 20.234, 126.882 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(210, 227, 190)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 227, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 227, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 20.234, 126.882 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(210, 227, 190) }
```

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

```
.border{ border-color:rgb(210, 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(210, 227, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 227, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 227, 190);  
box-shadow:4px 4px 4px 4px rgb(210, 227,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 20.234, 126.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 227, 190) }
```

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

```
.background{ background-color: rgb(210,  
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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