

Converting Colors

CIELCh(89, 26.352, 142.203)

Have a look what the booklet for
CIELCh(89, 26.352, 142.203)
contains.

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Color

CIELCh(89, 26.324, 142.105)

Conversions

Conversions Part 1

Format	Color
Hex	C2EAC0
RGB	194, 234, 192
RGB Percent	76%, 92%, 75%
CMY	0.2390, 0.0821, 0.2468
CMYK	0.17, 0.00, 0.18, 0.08
HSL	117°, 50%, 84%
HSV	117°, 18%, 92%
XYZ	61.2231, 74.1641, 60.9905
YIQ	217.2520, -10.3580, -21.5420

Conversions

Conversions Part 2

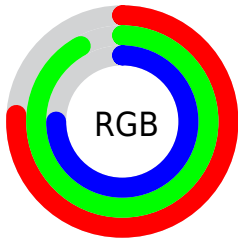
Format	Color
RYB	192, 234, 232
Decimal	12774080
CIELab	89.00, -20.77, 16.17
CIElCh	89, 26.324, 142.105
Yxy	74.1641, 0.3118, 0.3777
Android (android.graphics.Color)	4290964160 (0xFFC2EAC0)
YUV	217.2520, -12.4492, -20.3920
Hunter-Lab	86.1186, -23.8090, 18.2929

Details

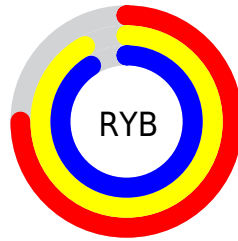
The CIELCh color **89, 26.324, 142.105** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 26.389, 324.085**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.826, 131.454**, and **69, 26.390, 141.751** is the 20% darker color. If you saturate the color by 10%, you get **87, 41.022, 141.364**, and if you desaturate by 10%, it is **91, 11.595, 142.753**.

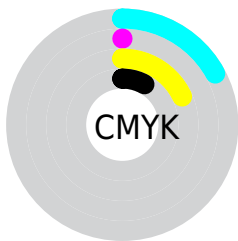
Distribution



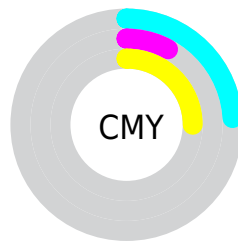
- Red (76%)
- Green (92%)
- Blue (75%)



- Red (75%)
- Yellow (92%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)





- Cyan (24%)
- Magenta (8%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 26.324, 142.105 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 89, 26.324, 142.105 by changing the saturation by 10% instead.


 89, 26.324,
142.105


 89, 26.324,
142.105


 100, 26.324,
142.105


 79, 26.324,
142.105

 69, 26.324,
142.105

 59, 26.324,
142.105

 49, 26.324,
142.105

 39, 26.324,
142.105


 29, 26.324,
142.105


 19, 26.324,

142.105


 9, 26.324, 142.105


 0, 26.324, 142.105

 89, 26.324,
142.105

 89, 26.324,
142.105


 87, 41.022,
141.364


 91, 11.595,
142.753

 86, 55.432,
140.517

 93, 2.986, 323.175

 84, 69.221,
139.574

 95, 13.069,
324.872

 83, 81.963,
138.571

 82, 93.128,

137.582

■ 82, 102.107,
136.728

■ 81, 108.324,
136.150

■ 81, 111.582,
135.920

■ 81, 112.033,
135.869

Harmonies

Complementary

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



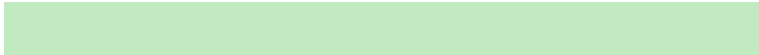
89, 26.324, 142.105



82, 26.389, 324.085

Rectangle

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



89, 26.324, 142.105



89, 26.324, 192.105



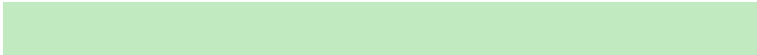
89, 26.324, 322.105



89, 26.324, 12.105

Sweetspot

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



89, 26.326, 142.105



99, 7.801, 142.933



91, 20.533, 106.285



53, 5.326, 142.889



0, 0.000, 0.000



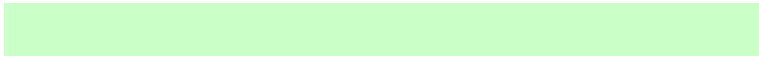
53, 0.007, 296.813

Same Dimension

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



89, 26.326, 142.105



95, 34.625, 141.810



89, 19.254, 159.557



48, 8.314, 142.659



64, 92.362, 135.814



18, 37.817, 137.494

Inverse Universe

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



82, 26.389, 324.085



86, 34.713, 324.302



82, 19.599, 342.524



46, 8.334, 323.635



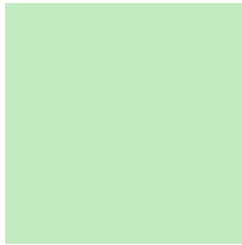
41, 89.584, 326.367



9, 38.345, 326.637

Previews

White Background



This preview shows how the CIELCh color 89, 26.324, 142.105 looks on a white background.

Color Contrast Check

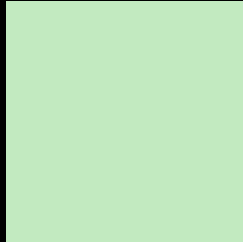
Large Text (above 18pt) WCAG AA × Fail

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 89, 26.324, 142.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

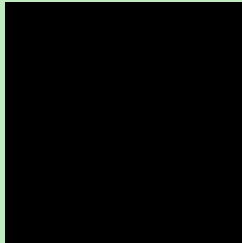
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

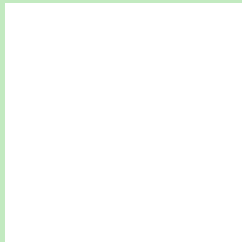
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 26.324, 142.105

Background



This preview shows how black text looks on a background with the CIELCh color 89, 26.324, 142.105.

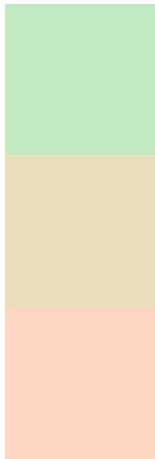


This preview shows how white text looks on a background with the CIELCh color 89, 26.324, 142.105.

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
89, 26.324, 142.105

Protanopia
89, 19.318, 93.633

Deuteranopia
89, 17.998, 53.257

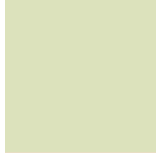


Tritanopia
89, 12.190, 249.558

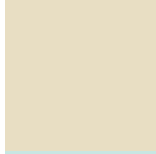
Trichromacy



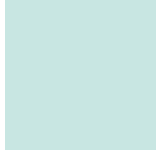
Original Color
89, 26.324, 142.105



Protanomaly
89, 19.797, 115.127



Deuteranomaly
89, 14.502, 93.894

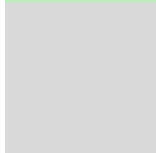


Tritanomaly
89, 10.668, 187.436

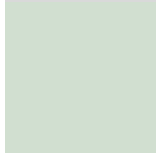
Monochromacy



Original Color
89, 26.324, 142.105



Achromatopsia
87, 0.010, 296.813



Achromatomaly
87, 9.370, 142.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 26.324, 142.105 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(194, 234, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 234, 192)  
}
```

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(194, 234, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 234, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 26.324, 142.105 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(194, 234, 192) }
```

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

```
.border{ border-color:rgb(194, 234, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 234, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 234, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 234, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 234,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 26.324, 142.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 234, 192) }
```

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

```
.background{ background-color: rgb(194,  
234, 192) }
```

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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