

Converting Colors

CIELCh(92, 17.206, 135.601)

Have a look what the booklet for
CIELCh(92, 17.206, 135.601)
contains.

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Color

CIELCh(92, 16.834, 135.962)

Conversions

Conversions Part 1

Format	Color
Hex	D9EED1
RGB	217, 238, 209
RGB Percent	85%, 93%, 82%
CMY	0.1480, 0.0656, 0.1794
CMYK	0.09, 0.00, 0.12, 0.07
HSL	103°, 46%, 88%
HSV	103°, 12%, 93%
XYZ	70.8790, 80.7044, 72.3259
YIQ	228.4150, -3.2070, -13.4710

Conversions

Conversions Part 2

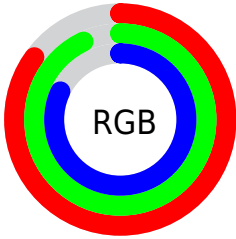
Format	Color
RYB	209, 238, 230
Decimal	14282449
CIELab	92.00, -12.10, 11.70
CIELCh	92, 16.834, 135.962
Yxy	80.7044, 0.3166, 0.3604
Android (android.graphics.Color)	4292472529 (0xFFD9EED1)
YUV	228.4150, -9.5716, -10.0110
Hunter-Lab	89.8356, -16.3784, 15.1511

Details

The CIELCh color **92, 16.834, 135.962** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 16.988, 317.000**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 16.577, 136.352** is the 20% darker color. If you saturate the color by 10%, you get **90, 30.740, 135.452**, and if you desaturate by 10%, it is **94, 2.985, 136.474**.

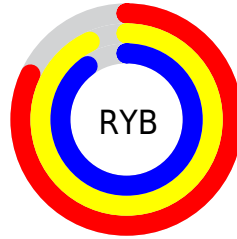
Distribution



Red (85%)

Green (93%)

Blue (82%)



Red (82%)

Yellow (93%)

Blue (90%)

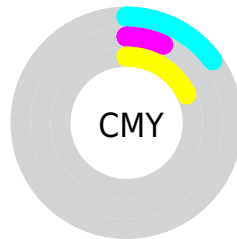


Cyan (9%)

Magenta (0%)

Yellow (12%)

Black (7%)



Cyan (15%)


Magenta (7%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 16.834, 135.962 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 92, 16.834, 135.962 by changing the saturation by 10% instead.


 92, 16.834,
135.962


 92, 16.834,
135.962


 100, 16.834,
135.962


 82, 16.834,
135.962


 72, 16.834,
135.962

 62, 16.834,
135.962

 52, 16.834,
135.962

 42, 16.834,
135.962

 32, 16.834,
135.962

 22, 16.834,

135.962

■ 12, 16.834,
135.962

■ 2, 16.834, 135.962

■ 92, 16.834,
135.962

■ 92, 16.834,
135.962

■ 90, 30.740,
135.452

■ 94, 2.985, 136.474

■ 89, 44.549,
134.896

■ 96, 9.846, 319.274

■ 88, 58.061,
134.311

■ 96, 10.439,
324.775

■ 86, 70.993,
133.732

■ 85, 82.956,
133.225

■ 85, 93.434,
132.889

■ 84, 101.824,
132.853

■ 83, 107.610,
133.233

■ 83, 110.441,
133.763

Harmonies

Complementary

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



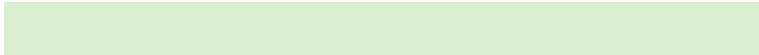
92, 16.834, 135.962



86, 16.988, 317.000

Rectangle

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



92, 16.834, 135.962



92, 16.834, 185.962



92, 16.834, 315.962



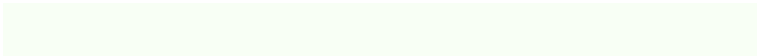
92, 16.834, 5.962

Sweetspot

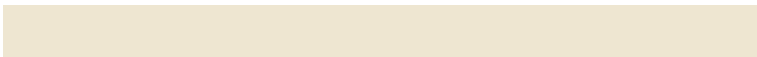
The Sweet Spot groups the original color and five complimentary colors.



92, 16.836, 135.964



99, 5.815, 136.363



91, 11.133, 93.414



53, 4.135, 136.323



0, 0.000, 0.000



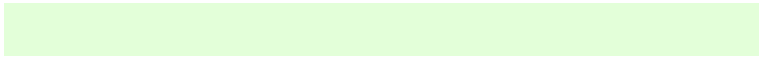
53, 0.007, 296.813

Same Dimension

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



92, 16.836, 135.964



97, 21.939, 135.821



92, 15.758, 150.316



49, 7.886, 136.095



66, 90.620, 133.568



20, 37.403, 133.203

Inverse Universe

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



86, 16.988, 317.000



90, 22.174, 317.128



87, 15.816, 331.872



47, 7.945, 316.879



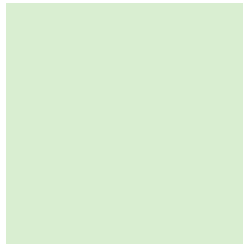
35, 93.153, 318.143



7, 40.102, 319.268

Previews

White Background



This preview shows how the CIELCh color 92, 16.834, 135.962 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 92, 16.834, 135.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

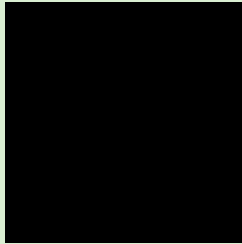
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

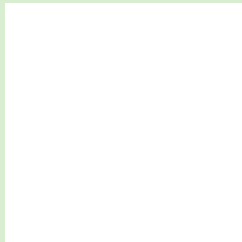
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 16.834, 135.962

Background



This preview shows how black text looks on a background with the CIELCh color 92, 16.834, 135.962.

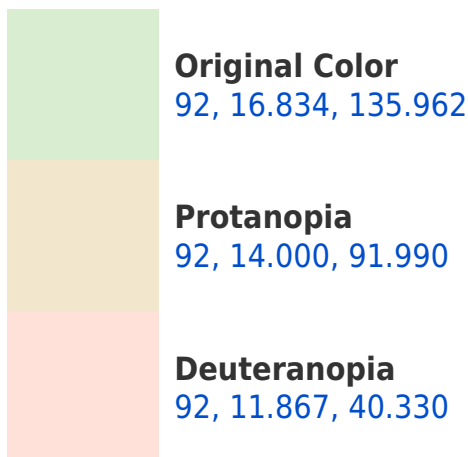


This preview shows how white text looks on a background with the CIELCh color 92, 16.834, 135.962.

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](#).

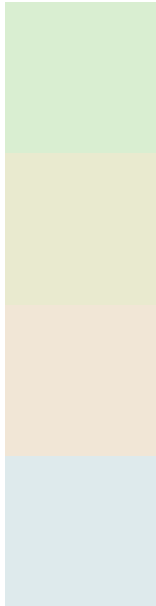
Dichromacy





Tritanopia
92, 10.149, 275.402

Trichromacy



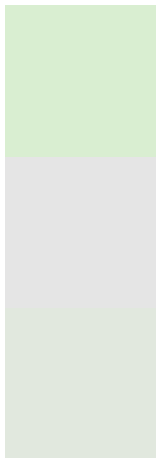
Original Color
92, 16.834, 135.962

Protanomaly
92, 13.893, 110.585

Deuteranomaly
92, 9.177, 83.270

Tritanomaly
92, 4.299, 213.218

Monochromacy



Original Color
92, 16.834, 135.962

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.766, 135.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 16.834, 135.962 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, 238, 209)` looks like.

```
.text, #text, p{  
    color:rgb(217, 238, 209)  
}
```

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, 238, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 238, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 16.834, 135.962 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, 238, 209) }
```

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

```
.border{ border-color:rgb(217, 238, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 238, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 238, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 238, 209);  
box-shadow:4px 4px 4px 4px rgb(217, 238,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 16.834, 135.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 238, 209) }
```

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

```
.background{ background-color: rgb(217,  
238, 209) }
```

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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