

Converting Colors

CIELCh(92, 17.662, 136.025)

Have a look what the booklet for
CIELCh(92, 17.662, 136.025)
contains.

CIELCh(92, 18.081, 136.470)	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(92, 18.081, 136.470)

Conversions

Conversions Part 1

Format	Color
Hex	D8EFD0
RGB	216, 239, 208
RGB Percent	85%, 94%, 82%
CMY	0.1538, 0.0636, 0.1852
CMYK	0.10, 0.00, 0.13, 0.06
HSL	105°, 49%, 88%
HSV	105°, 13%, 94%
XYZ	70.4077, 80.7044, 71.3960
YIQ	228.5890, -3.7570, -14.5170

Conversions

Conversions Part 2

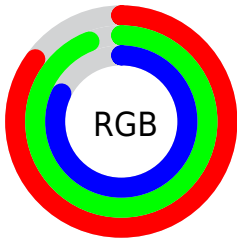
Format	Color
R_{YB}	208, 239, 231
Decimal	14217168
CIE _{Lab}	92.00, -13.11, 12.45
CIE _{LCh}	92, 18.081, 136.470
Yxy	80.7044, 0.3164, 0.3627
Android (android.graphics.Color)	4292407248 (0xFFD8EFD0)
YUV	228.5890, -10.1504, -11.0406
Hunter-Lab	89.8356, -17.3150, 15.7648

Details

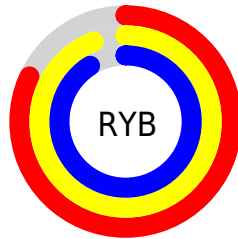
The CIELCh color **92, 18.081, 136.470** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 18.243, 317.594**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 17.889, 136.841** is the 20% darker color. If you saturate the color by 10%, you get **90, 32.087, 135.947**, and if you desaturate by 10%, it is **94, 4.125, 136.975**.

Distribution



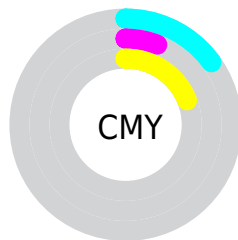
- Red (85%)
- Green (94%)
- Blue (82%)



- Red (82%)
- Yellow (94%)
- Blue (91%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 18.081, 136.470 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, 18.081, 136.470 by changing the saturation by 10% instead.

■ 92, 18.081,
136.470

■ 92, 18.081,
136.470

■ 100, 18.081,
136.470

■ 82, 18.081,
136.470

■ 72, 18.081,
136.470

■ 62, 18.081,
136.470

■ 52, 18.081,
136.470

■ 42, 18.081,
136.470

■ 32, 18.081,
136.470

■ 22, 18.081,

136.470

■ 12, 18.081,
136.470

■ 2, 18.081, 136.470

■ 92, 18.081,
136.470

■ 92, 18.081,
136.470

■ 90, 32.087,
135.947

■ 94, 4.125, 136.975

■ 89, 45.982,
135.375

■ 96, 9.435, 318.044

■ 88, 59.555,
134.771

■ 96, 10.118,
324.763

■ 86, 72.508,
134.172

■ 85, 84.437,
133.643

■ 85, 94.811,
133.289

■ 84, 103.019,
133.239

■ 83, 108.562,
133.603

■ 83, 111.012,
134.042

Harmonies

Complementary

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



92, 18.081, 136.470



86, 18.243, 317.594

Rectangle

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



92, 18.081, 136.470



92, 18.081, 186.470



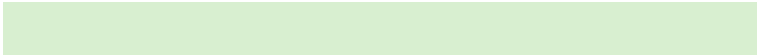
92, 18.081, 316.470



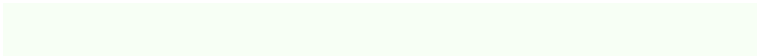
92, 18.081, 6.470

Sweetspot

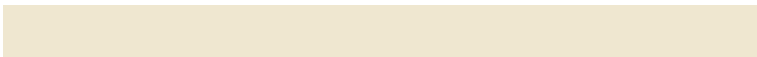
The Sweet Spot groups the original color and five complimentary colors.



92, 18.083, 136.471



99, 5.845, 136.916



92, 12.101, 94.511



53, 4.157, 136.877



0, 0.000, 0.000



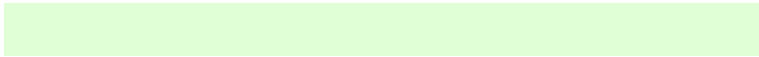
53, 0.007, 296.813

Same Dimension

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



92, 18.083, 136.471



97, 23.533, 136.315



92, 16.633, 150.848



49, 7.927, 136.645



66, 90.948, 133.855



20, 37.564, 133.570

Inverse Universe

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



86, 18.243, 317.594



89, 23.781, 317.731



87, 16.702, 332.542



47, 7.983, 317.437



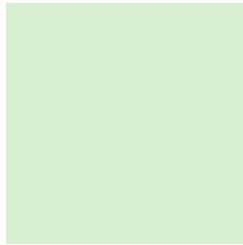
35, 92.865, 318.728



7, 40.091, 319.838

Previews

White Background



This preview shows how the CIELCh color 92, 18.081, 136.470 looks on a white background.

Color Contrast Check

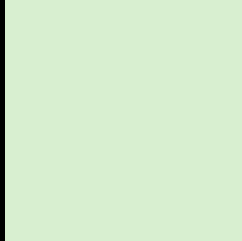
Large Text (above 18pt) WCAG AA × Fail

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, 18.081, 136.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

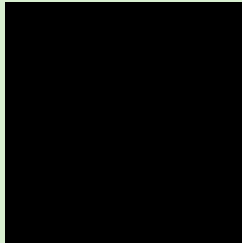
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

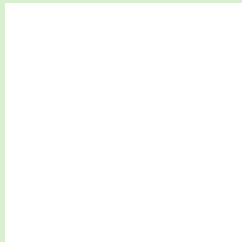
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 18.081, 136.470

Background



This preview shows how black text looks on a background with the CIELCh color 92, 18.081, 136.470.

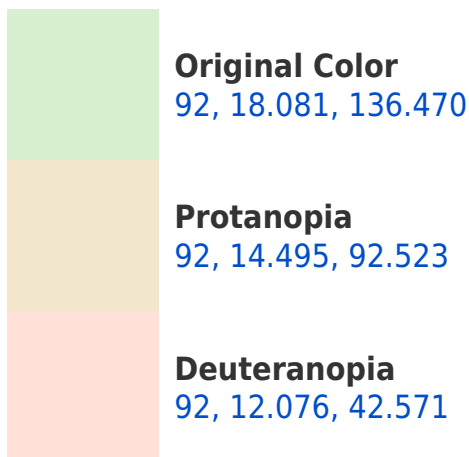


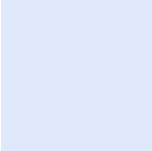
This preview shows how white text looks on a background with the CIELCh color 92, 18.081, 136.470.

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](#).

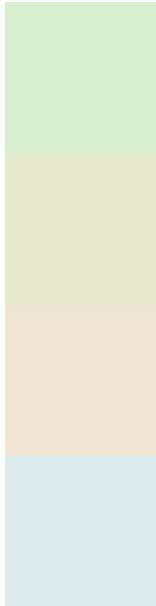
Dichromacy





Tritanopia
92, 9.843, 270.712

Trichromacy



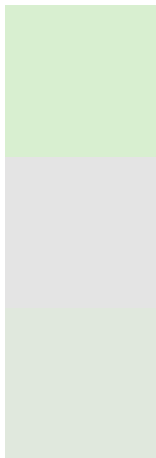
Original Color
92, 18.081, 136.470

Protanomaly
92, 14.937, 111.823

Deuteranomaly
92, 9.646, 84.550

Tritanomaly
92, 5.237, 199.171

Monochromacy



Original Color
92, 18.081, 136.470

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.394, 136.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 18.081, 136.470 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(216, 239, 208)` looks like.

```
.text, #text, p{  
    color:rgb(216, 239, 208)  
}
```

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(216, 239, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 239, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 18.081, 136.470 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(216, 239, 208) }
```

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

```
.border{ border-color:rgb(216, 239, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 239, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 239, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 239, 208);  
box-shadow:4px 4px 4px 4px rgb(216, 239,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 18.081, 136.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 239, 208) }
```

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

```
.background{ background-color: rgb(216,  
239, 208) }
```

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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