

Converting Colors

CIELCh(92, 5.114, 137.580)

Have a look what the booklet for
CIELCh(92, 5.114, 137.580) contains.

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Color

CIELCh(92, 5.296, 138.017)

Conversions

Conversions Part 1

Format	Color
Hex	E3EAE1
RGB	227, 234, 225
RGB Percent	89%, 92%, 88%
CMY	0.1093, 0.0819, 0.1172
CMYK	0.03, 0.00, 0.04, 0.08
HSL	107°, 18%, 90%
HSV	107°, 4%, 92%
XYZ	74.7775, 80.7044, 82.9529
YIQ	230.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

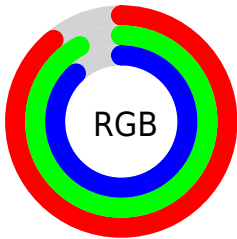
Format	Color
R _Y B	225, 234, 232
Decimal	14936801
CIE Lab	92.00, -3.94, 3.54
CIE LCh	92, 5.296, 138.017
Yxy	80.7044, 0.3136, 0.3385
Android (android.graphics.Color)	4293126881 (0xFFE3EAE1)
YUV	230.8810, -2.8993, -3.4036
Hunter-Lab	89.8356, -8.6324, 8.1374

Details

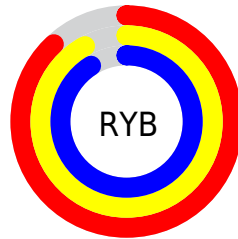
The CIELCh color **92, 5.296, 138.017** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 5.328, 318.270**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 4.917, 137.141** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.195, 137.508**, and if you desaturate by 10%, it is **94, 8.441, 318.370**.

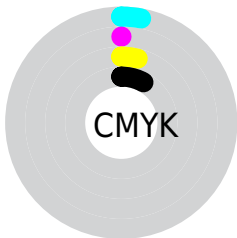
Distribution



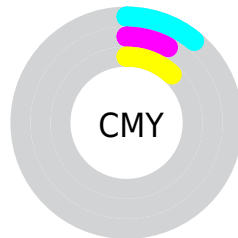
- Red (89%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.296, 138.017 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, 5.296, 138.017 by changing the saturation by 10% instead.

■ 92, 5.296, 138.017

■ 92, 5.296, 138.017

■ 100, 5.296,
138.017

■ 82, 5.296, 138.017

■ 72, 5.296, 138.017

■ 62, 5.296, 138.017

■ 52, 5.296, 138.017

■ 42, 5.296, 138.017

■ 32, 5.296, 138.017

■ 22, 5.296, 138.017

■ 12, 5.296, 138.017

■ 2, 5.296, 138.017

92, 5.296, 138.017

92, 5.296, 138.017

90, 19.195,
137.508

94, 8.441, 318.370

89, 33.131,
136.958

95, 13.032,
324.871

87, 46.943,
136.353

86, 60.403,
135.708

85, 73.201,
135.060

84, 84.917,
134.474

83, 95.012,
134.056

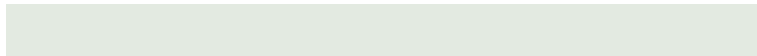
82, 102.877,
133.937

■ 82, 108.042,
134.222

Harmonies

Complementary

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



92, 5.296, 138.017



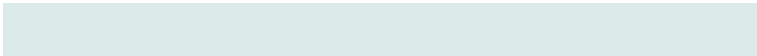
90, 5.328, 318.270

Rectangle

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



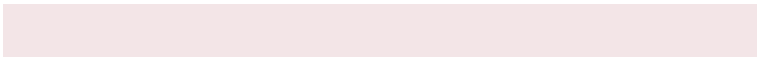
92, 5.296, 138.017



92, 5.296, 188.017



92, 5.296, 318.017



92, 5.296, 8.017

Sweetspot

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



92, 5.298, 138.021



100, 1.465, 138.269



92, 3.625, 97.828



53, 0.833, 138.280



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, 5.298, 138.021



99, 7.390, 137.957



92, 4.703, 152.796



49, 4.711, 137.923



65, 90.591, 134.360



19, 36.406, 134.582

Inverse Universe

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



90, 5.328, 318.270



97, 7.429, 318.331



90, 4.726, 333.147



47, 4.736, 318.364



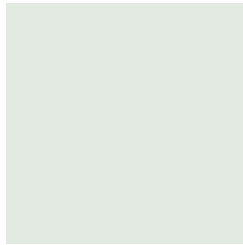
36, 91.366, 319.947



7, 38.620, 320.934

Previews

White Background



This preview shows how the CIELCh color 92, 5.296, 138.017 looks on a white background.

Color Contrast Check

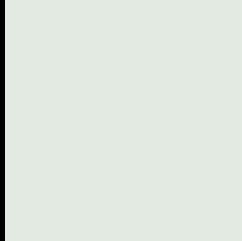
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 5.296, 138.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

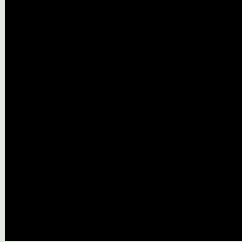
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

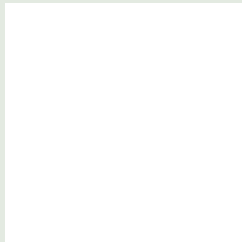
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.296, 138.017

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.296, 138.017.

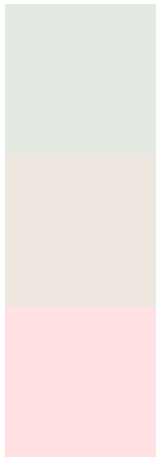


This preview shows how white text looks on a background with the CIELCh color 92, 5.296, 138.017.

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
92, 5.296, 138.017

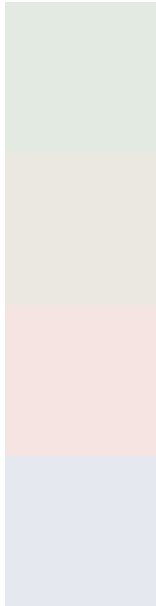
Protanopia
92, 4.821, 78.074

Deuteranopia
92, 10.984, 14.770



Tritanopia
92, 9.318, 290.923

Trichromacy



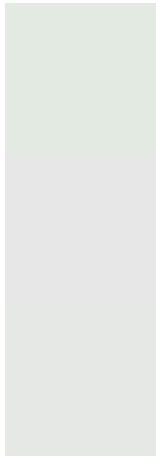
Original Color
92, 5.296, 138.017

Protanomaly
92, 4.174, 99.879

Deuteranomaly
92, 6.244, 29.216

Tritanomaly
92, 4.191, 280.926

Monochromacy



Original Color
92, 5.296, 138.017

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.704, 134.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.296, 138.017 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(227, 234, 225)` looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 225)  
}
```

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(227, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.296, 138.017 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(227, 234, 225) }
```

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

```
.border{ border-color:rgb(227, 234, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 234, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(227, 234,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.296, 138.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 225) }
```

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

```
.background{ background-color: rgb(227,  
234, 225) }
```

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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