

Converting Colors

CIELCh(92, 5.752, 159.103)

Have a look what the booklet for
CIELCh(92, 5.752, 159.103) contains.

CIELCh(92, 5.618, 159.104)	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, 5.618, 159.104)

Conversions

Conversions Part 1

Format	Color
Hex	DFEBE4
RGB	223, 235, 228
RGB Percent	87%, 92%, 89%
CMY	0.1255, 0.0784, 0.1059
CMYK	0.05, 0.00, 0.03, 0.08
HSL	145°, 23%, 90%
HSV	145°, 5%, 92%
XYZ	74.1418, 80.7044, 85.0670
YIQ	230.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

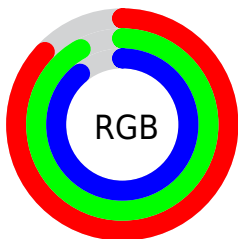
Format	Color
RYB	223, 231, 235
Decimal	14674916
CIELab	92.00, -5.25, 2.00
CIELCh	92, 5.618, 159.104
Yxy	80.7044, 0.3090, 0.3364
Android (android.graphics.Color)	4292864996 (0xFFDFEBE4)
YUV	230.6140, -1.2887, -6.6775
Hunter-Lab	89.8356, -9.8955, 6.7422

Details

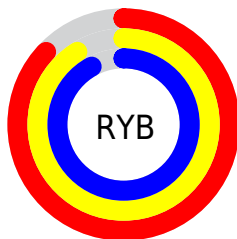
The CIELCh color **92, 5.618, 159.104** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 5.658, 339.727**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 5.274, 160.868** is the 20% darker color. If you saturate the color by 10%, you get **90, 16.679, 158.215**, and if you desaturate by 10%, it is **94, 5.368, 339.687**.

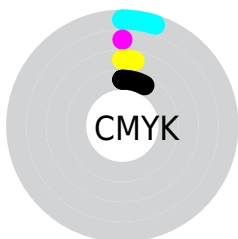
Distribution



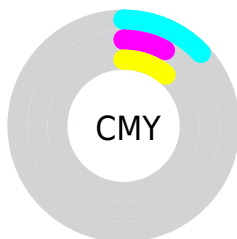
- Red (87%)
- Green (92%)
- Blue (89%)



- Red (87%)
- Yellow (91%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.618, 159.104 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, 5.618, 159.104 by changing the saturation by 10% instead.

■ 92, 5.618, 159.104

■ 92, 5.618, 159.104

■ 100, 5.618,
159.104

■ 82, 5.618, 159.104

■ 72, 5.618, 159.104

■ 62, 5.618, 159.104

■ 52, 5.618, 159.104

■ 42, 5.618, 159.104

■ 32, 5.618, 159.104

■ 22, 5.618, 159.104

■ 12, 5.618, 159.104

■ 2, 5.618, 159.104

92, 5.618, 159.104

92, 5.618, 159.104

90, 16.679,
158.215

94, 5.368, 339.687

88, 27.682,
157.266

95, 12.480,
324.850

87, 38.473,
156.195

86, 48.870,
154.975

84, 58.677,
153.581

84, 67.703,
151.992

83, 75.791,
150.194

82, 82.842,
148.192

■ 82, 88.849,
146.022

Harmonies

Complementary

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



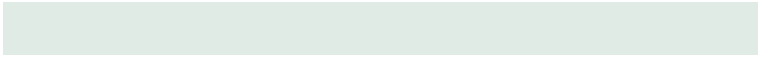
92, 5.618, 159.104



90, 5.658, 339.727

Rectangle

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



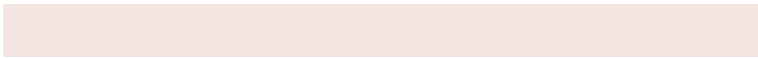
92, 5.618, 159.104



92, 5.618, 209.104



92, 5.618, 339.104



92, 5.618, 29.104

Sweetspot

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



92, 5.620, 159.098



100, 2.343, 159.455



92, 6.431, 125.267



53, 1.332, 159.472



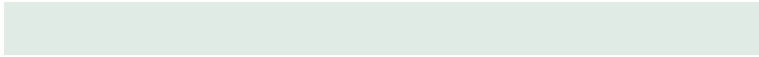
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

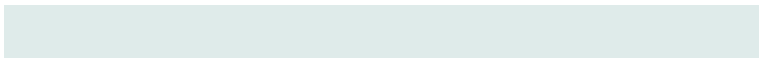
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 5.620, 159.098



99, 7.058, 159.014



92, 4.267, 190.895



49, 4.373, 158.960



65, 74.600, 145.361



19, 29.409, 149.272

Inverse Universe

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



90, 5.658, 339.727



96, 7.107, 339.810



90, 4.383, 11.426



47, 4.405, 339.863



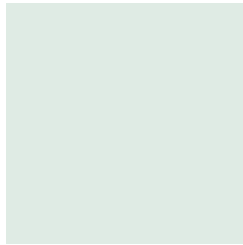
39, 67.123, 354.283



8, 29.583, 349.150

Previews

White Background



This preview shows how the CIELCh color 92, 5.618, 159.104 looks on a white background.

Color Contrast Check

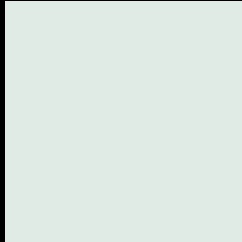
Large Text (above 18pt) WCAG AA × Fail

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, 5.618, 159.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

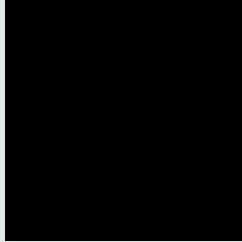
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

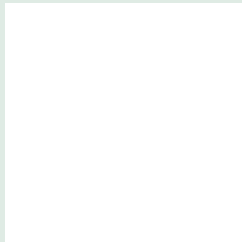
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.618, 159.104

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.618, 159.104.

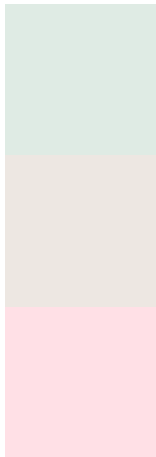


This preview shows how white text looks on a background with the CIELCh color 92, 5.618, 159.104.

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, 5.618, 159.104

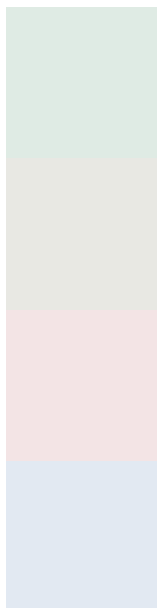
Protanopia
92, 3.345, 69.671

Deuteranopia
92, 11.666, 4.864



Tritanopia
92, 9.437, 280.482

Trichromacy



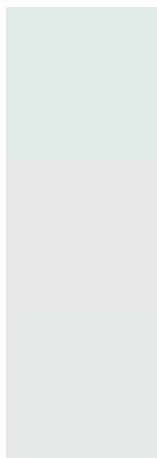
Original Color
92, 5.618, 159.104

Protanomaly
92, 2.571, 109.944

Deuteranomaly
92, 5.433, 14.233

Tritanomaly
92, 5.214, 262.809

Monochromacy



Original Color
92, 5.618, 159.104

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.761, 163.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.618, 159.104 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(223, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(223, 235, 228)  
}
```

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(223, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 235, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.618, 159.104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

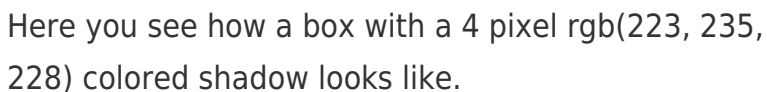
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 235, 228) }
```

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

```
.border{ border-color:rgb(223, 235, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 235, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 235, 228); box-shadow:4px 4px 4px 4px rgb(223, 235, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.618, 159.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 235, 228) }
```

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

```
.background{ background-color: rgb(223,  
235, 228) }
```

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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