

Converting Colors

CIELCh(92, 3.519, 190.472)

Have a look what the booklet for
CIELCh(92, 3.519, 190.472) contains.

CIELCh(92, 3.562, 190.987)	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, 3.562, 190.987)

Conversions

Conversions Part 1	
Format	Color
Hex	E0EAE9
RGB	224, 234, 233
RGB Percent	88%, 92%, 91%
CMY	0.1209, 0.0817, 0.0856
CMYK	0.04, 0.00, 0.00, 0.08
HSL	174°, 19%, 90%
HSV	174°, 4%, 92%
XYZ	74.9915, 80.7044, 88.8380
YIQ	230.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

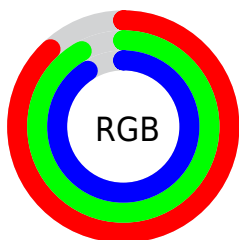
Format	Color
RYB	224, 229, 234
Decimal	14740201
CIELab	92.00, -3.50, -0.68
CIELCh	92, 3.562, 190.987
Yxy	80.7044, 0.3067, 0.3300
Android (android.graphics.Color)	4292930281 (0xFFE0EAE9)
YUV	230.8960, 1.0373, -6.0478
Hunter-Lab	89.8356, -8.2070, 4.2534

Details

The CIELCh color **92, 3.562, 190.987** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 3.646, 11.301**, 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, 3.381, 190.000** is the 20% darker color. If you saturate the color by 10%, you get **90, 11.682, 190.064**, and if you desaturate by 10%, it is **94, 4.855, 11.434**.

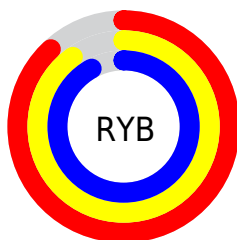
Distribution



Red (88%)

Green (92%)

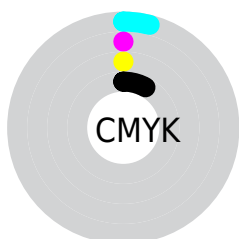
Blue (91%)



Red (88%)

Yellow (90%)

Blue (92%)

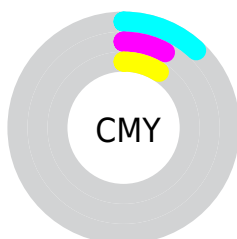


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (8%)

Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.562, 190.987 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, 3.562, 190.987 by changing the saturation by 10% instead.

 92, 3.562, 190.987

 92, 3.562, 190.987

 100, 3.562,
190.987

 82, 3.562, 190.987

 72, 3.562, 190.987

 62, 3.562, 190.987

 52, 3.562, 190.987

 42, 3.562, 190.987

 32, 3.562, 190.987


 22, 3.562, 190.987

 12, 3.562, 190.987


 2, 3.562, 190.987

 92, 3.562, 190.987

 92, 3.562, 190.987

 90, 11.682,
190.064


 94, 4.855, 11.434

 89, 19.374,
189.255


 94, 7.714, 5.663


 88, 26.502,
188.443


 95, 8.079, 357.352


 87, 32.923,
187.615


 95, 9.255, 343.433


 86, 38.506,
186.757

 95, 10.012,
337.884

 85, 43.143,
185.856


 95, 10.853,
333.167

 84, 46.768,
184.895

 95, 11.759,
329.166

 84, 49.380,
183.854

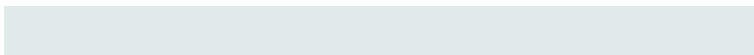
 95, 12.715,
325.766

 84, 51.052,
182.717

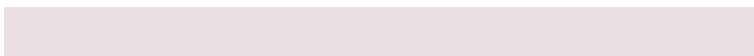
Harmonies

Complementary

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



92, 3.562, 190.987



90, 3.646, 11.301

Rectangle

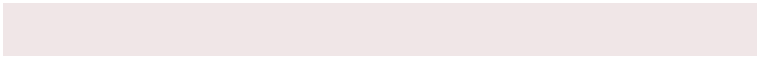
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



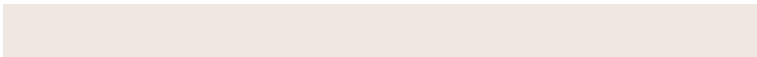
92, 3.562, 190.987



92, 3.562, 240.987



92, 3.562, 10.987



92, 3.562, 60.987

Sweetspot

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



92, 3.564, 190.959



100, 0.896, 191.760



92, 6.081, 141.076



53, 0.509, 191.801



0, 0.000, 0.000



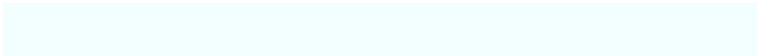
53, 0.007, 296.813

Same Dimension

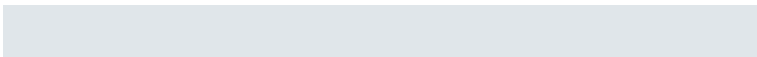
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 3.564, 190.959



99, 4.464, 190.876



91, 2.919, 242.476



49, 2.841, 190.809



66, 42.575, 182.246



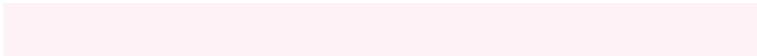
19, 17.939, 184.147

Inverse Universe

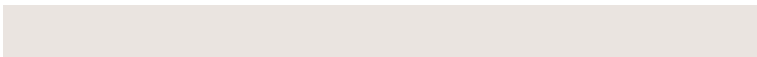
The Inverse Universe completely reimagines the original color for something new.



90, 3.646, 11.301



97, 4.583, 11.389



91, 2.961, 61.282



47, 2.926, 11.461



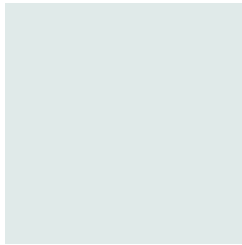
38, 76.607, 35.760



7, 28.152, 18.612

Previews

White Background



This preview shows how the CIE LCh color 92, 3.562, 190.987 looks on a white background.

Color Contrast Check

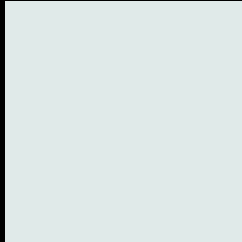
Large Text (above 18pt) WCAG AA × Fail

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, 3.562, 190.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

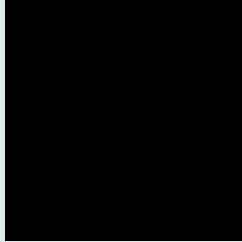
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

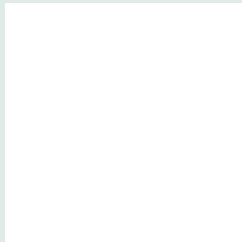
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.562, 190.987

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.562, 190.987.

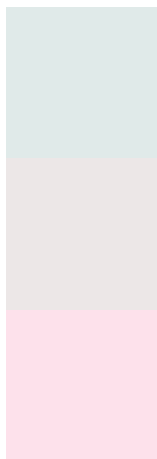


This preview shows how white text looks on a background with the CIELCh color 92, 3.562, 190.987.

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, 3.562, 190.987

Protanopia

92, 1.786, 19.184

Deuteranopia

92, 11.328, 353.129



Tritanopia
92, 9.437, 280.482

Trichromacy

	Original Color 92, 3.562, 190.987
	Protanomaly 92, 0.011, 296.813
	Deuteranomaly 92, 6.219, 349.888
	Tritanomaly 92, 6.143, 267.450

Monochromacy

	Original Color 92, 3.562, 190.987
	Achromatopsia 92, 0.011, 296.813
	Achromatomaly 92, 1.061, 199.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.562, 190.987 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(224, 234, 233)` looks like.

```
.text, #text, p{  
    color:rgb(224, 234, 233)  
}
```

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(224, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 234, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.562, 190.987 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(224, 234, 233) }
```

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

```
.border{ border-color:rgb(224, 234, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(224, 234,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.562, 190.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 234, 233) }
```

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

```
.background{ background-color: rgb(224,  
234, 233) }
```

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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