

Converting Colors

CIELCh(92, 1.921, 287.640)

Have a look what the booklet for
CIELCh(92, 1.921, 287.640) contains.

CIELCh(92, 1.560, 290.348)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(92, 1.560, 290.348)

Conversions

Conversions Part 1

Format	Color
Hex	E8E8EB
RGB	232, 232, 235
RGB Percent	91%, 91%, 92%
CMY	0.0910, 0.0910, 0.0792
CMYK	0.01, 0.01, 0.00, 0.08
HSL	240°, 7%, 91%
HSV	240°, 1%, 92%
XYZ	76.9756, 80.7044, 89.9604
YIQ	232.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

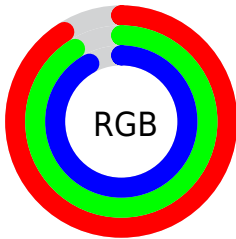
Format	Color
RYB	232, 232, 235
Decimal	15263979
CIELab	92.00, 0.54, -1.46
CIELCh	92, 1.560, 290.348
Yxy	80.7044, 0.3108, 0.3259
Android (android.graphics.Color)	4293454059 (0xFFE8E8EB)
YUV	232.3420, 1.3104, -0.2999
Hunter-Lab	89.8356, -4.2648, 3.5126

Details

The CIELCh color `92, 1.560, 290.348` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 1.532, 109.957`, 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, 1.641, 290.374` is the 20% darker color. If you saturate the color by 10%, you get `84, 13.949, 291.319`, and if you desaturate by 10%, it is `100, 10.228, 109.403`.

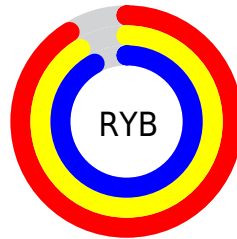
Distribution



Red (91%)

Green (91%)

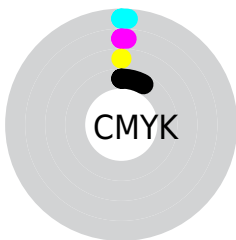
Blue (92%)



Red (91%)

Yellow (91%)

Blue (92%)

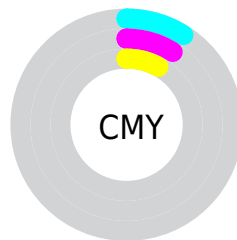


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (8%)



Cyan (9%)

Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 1.560, 290.348 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, 1.560, 290.348 by changing the saturation by 10% instead.

■ 92, 1.560, 290.348

■ 92, 1.560, 290.348

100, 1.560,
290.348

■ 82, 1.560, 290.348

■ 72, 1.560, 290.348

■ 62, 1.560, 290.348

■ 52, 1.560, 290.348

■ 42, 1.560, 290.348

■ 32, 1.560, 290.348

■ 22, 1.560, 290.348

■ 12, 1.560, 290.348

■ 2, 1.560, 290.348

92, 1.560, 290.348

92, 1.560, 290.348

84, 13.949,
291.319

100, 10.228,
109.403

77, 26.861,
292.574

69, 40.335,
294.054

61, 54.395,
295.784

54, 69.006,
297.763

47, 83.962,
299.941

40, 98.659,
302.170

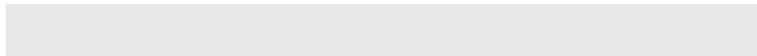
35, 111.766,
304.179

■ 31, 121.218,
305.612

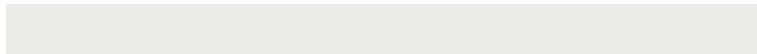
Harmonies

Complementary

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



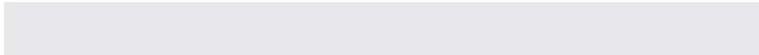
92, 1.560, 290.348



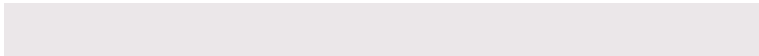
93, 1.532, 109.957

Rectangle

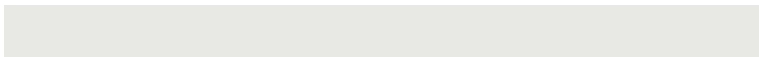
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



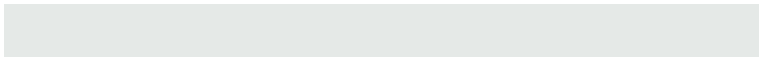
92, 1.560, 290.348



92, 1.560, 340.348



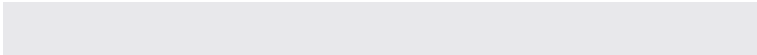
92, 1.560, 110.348



92, 1.560, 160.348

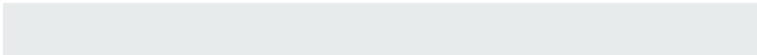
Sweetspot

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



92, 1.558, 290.297

100, 0.012, 296.813



93, 1.059, 198.526



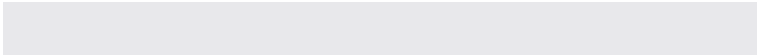
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



92, 1.558, 290.297



98, 2.606, 290.352



92, 1.649, 308.463



48, 1.384, 290.342



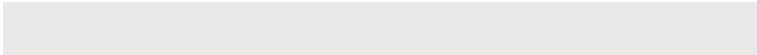
21, 103.414, 306.271



2, 35.702, 297.728

Inverse Universe

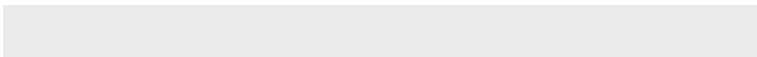
The Inverse Universe completely reimagines the original color for something new.



92, 1.069, 18.795



99, 1.795, 19.051



93, 1.625, 128.506



49, 0.953, 19.021



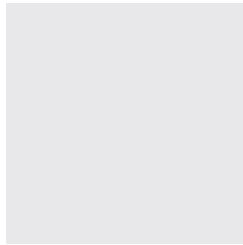
38, 80.788, 39.933



7, 28.530, 22.663

Previews

White Background



This preview shows how the CIELCh color 92, 1.560, 290.348 looks on a white background.

Color Contrast Check

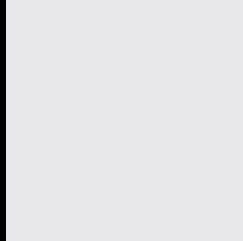
Large Text (above 18pt) WCAG AA × Fail

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, 1.560, 290.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

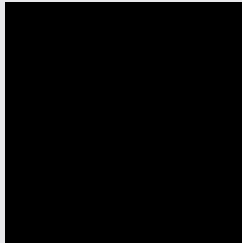
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

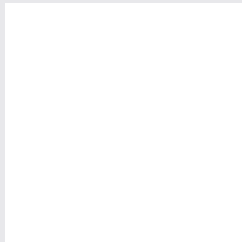
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 1.560, 290.348

Background



This preview shows how black text looks on a background with the CIELCh color 92, 1.560, 290.348.

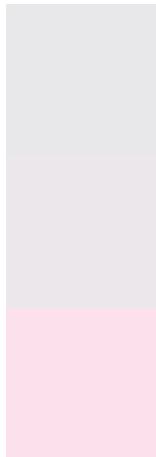


This preview shows how white text looks on a background with the CIELCh color 92, 1.560, 290.348.

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, 1.560, 290.348

Protanopia

92, 2.124, 332.278

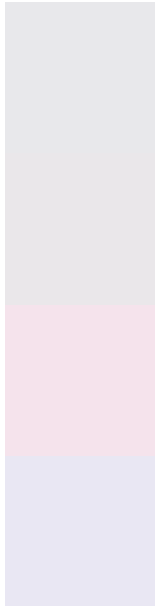
Deuteranopia

92, 11.248, 349.900



Tritanopia
92, 9.445, 299.338

Trichromacy



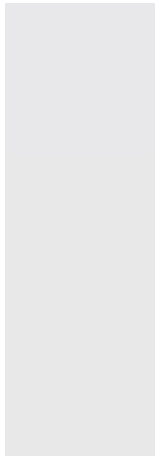
Original Color
92, 1.560, 290.348

Protanomaly
92, 1.901, 324.360

Deuteranomaly
92, 7.964, 344.205

Tritanomaly
92, 6.264, 297.070

Monochromacy



Original Color
92, 1.560, 290.348

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.527, 290.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 1.560, 290.348 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(232, 232, 235)` looks like.

```
.text, #text, p{  
    color:rgb(232, 232, 235)  
}
```

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(232, 232, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 1.560, 290.348 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(232, 232, 235) }
```

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

```
.border{ border-color:rgb(232, 232, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 232, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 232, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 232, 235);  
box-shadow:4px 4px 4px 4px rgb(232, 232,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 1.560, 290.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 232, 235) }
```

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

```
.background{ background-color: rgb(232,  
232, 235) }
```

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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