

Converting Colors

CIELCh(92, 2.214, 236.215)

Have a look what the booklet for
CIELCh(92, 2.214, 236.215) contains.

CIELCh(92, 2.030, 230.262)	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, 2.030, 230.262)

Conversions

Conversions Part 1

Format	Color
Hex	E4E9EB
RGB	228, 233, 235
RGB Percent	89%, 91%, 92%
CMY	0.1062, 0.0866, 0.0788
CMYK	0.03, 0.01, 0.00, 0.08
HSL	197°, 15%, 91%
HSV	197°, 3%, 92%
XYZ	76.0674, 80.7044, 90.1020
YIQ	231.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

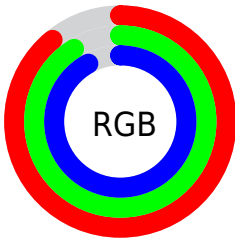
Format	Color
R _Y B	228, 231, 235
Decimal	15002091
CIE Lab	92.00, -1.30, -1.56
CIE LCh	92, 2.030, 230.262
Yxy	80.7044, 0.3081, 0.3269
Android (android.graphics.Color)	4293192171 (0xFFE4E9EB)
YUV	231.7330, 1.6106, -3.2738
Hunter-Lab	89.8356, -6.0693, 3.4192

Details

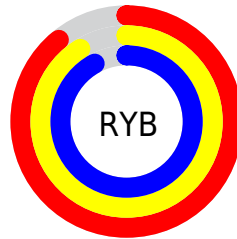
The CIELCh color `92, 2.030, 230.262` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `92, 2.055, 49.264`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 1.827, 236.215` is the 20% darker color. If you saturate the color by 10%, you get `89, 8.649, 230.729`, and if you desaturate by 10%, it is `95, 4.853, 49.208`.

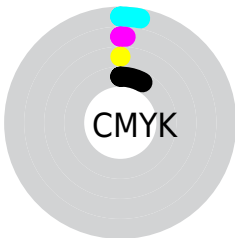
Distribution



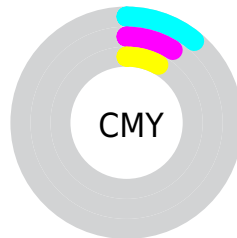
- Red (89%)
- Green (91%)
- Blue (92%)



- Red (89%)
- Yellow (91%)
- Blue (92%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.030, 230.262 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, 2.030, 230.262 by changing the saturation by 10% instead.

■ 92, 2.030, 230.262

■ 92, 2.030, 230.262

■ 100, 2.030,
230.262

■ 82, 2.030, 230.262

■ 72, 2.030, 230.262

■ 62, 2.030, 230.262

■ 52, 2.030, 230.262

■ 42, 2.030, 230.262

■ 32, 2.030, 230.262

■ 22, 2.030, 230.262

■ 12, 2.030, 230.262

■ 2, 2.030, 230.262

92, 2.030, 230.262

92, 2.030, 230.262

89, 8.649, 230.729

95, 4.853, 49.208

85, 14.927,
231.672

97, 6.572, 81.328

82, 20.783,
232.908

99, 9.197, 105.034

100, 10.166,
109.408

79, 26.130,
234.497

76, 30.890,
236.522

74, 35.005,
239.074

71, 38.466,
242.246

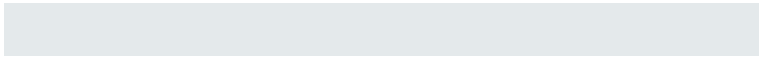
69, 41.324,
246.107

■ 66, 43.719,
250.663

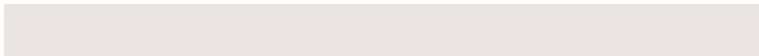
Harmonies

Complementary

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



92, 2.030, 230.262



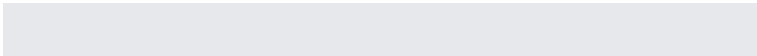
92, 2.055, 49.264

Rectangle

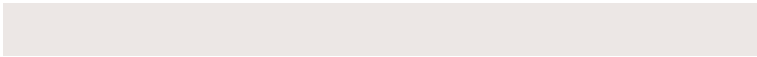
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



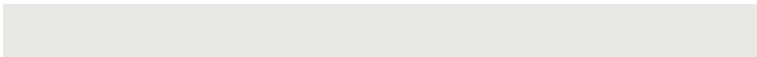
92, 2.030, 230.262



92, 2.030, 280.262



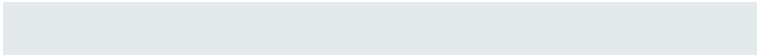
92, 2.030, 50.262



92, 2.030, 100.262

Sweetspot

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



92, 2.030, 230.194



100, 0.734, 230.621



92, 3.604, 153.527



53, 0.418, 230.661



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

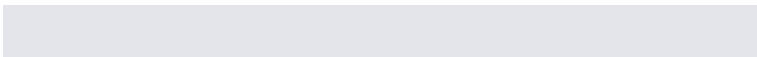
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 2.030, 230.194



99, 2.906, 230.191



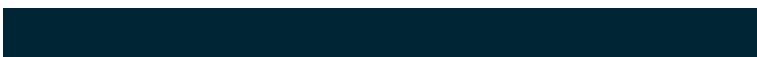
91, 2.890, 279.793



48, 1.926, 230.208



51, 36.999, 253.219



14, 15.039, 244.817

Inverse Universe

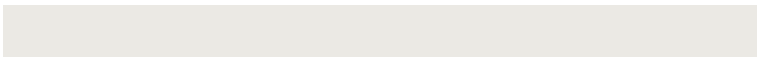
The Inverse Universe completely reimagines the original color for something new.



91, 3.621, 333.789



97, 5.198, 333.886



92, 2.862, 98.979



48, 3.451, 333.945



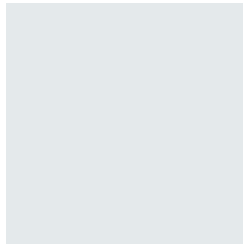
40, 72.087, 343.775



8, 31.759, 340.901

Previews

White Background



This preview shows how the CIE LCh color 92, 2.030, 230.262 looks on a white background.

Color Contrast Check

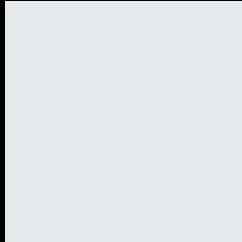
Large Text (above 18pt) WCAG AA × Fail

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, 2.030, 230.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

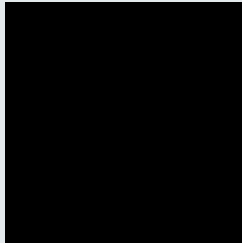
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

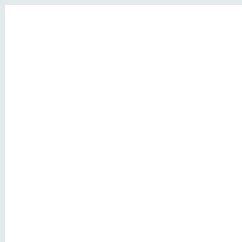
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.030, 230.262

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.030, 230.262.

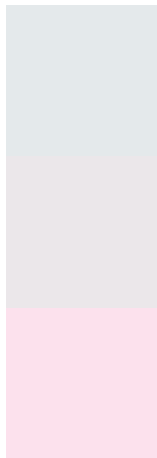


This preview shows how white text looks on a background with the CIELCh color 92, 2.030, 230.262.

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, 2.030, 230.262

Protanopia

92, 2.124, 332.278

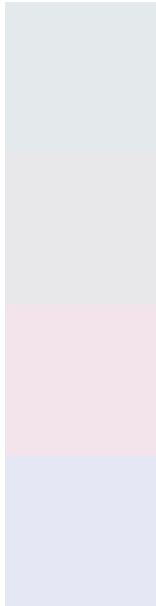
Deuteranopia

92, 11.508, 347.671



Tritanopia
92, 9.319, 288.810

Trichromacy



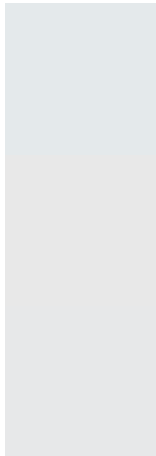
Original Color
92, 2.030, 230.262

Protanomaly
92, 1.044, 290.329

Deuteranomaly
92, 6.791, 342.328

Tritanomaly
92, 6.280, 281.153

Monochromacy



Original Color
92, 2.030, 230.262

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.630, 256.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.030, 230.262 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(228, 233, 235)` looks like.

```
.text, #text, p{  
    color:rgb(228, 233, 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(228, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 233, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.030, 230.262 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(228, 233, 235) }
```

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

```
.border{ border-color:rgb(228, 233, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(228, 233,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.030, 230.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 233, 235) }
```

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

```
.background{ background-color: rgb(228,  
233, 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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