

Converting Colors

CIELCh(92, 3.716, 217.435)

Have a look what the booklet for
CIELCh(92, 3.716, 217.435) contains.

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Color

CIELCh(92, 3.633, 215.907)

Conversions

Conversions Part 1

Format	Color
Hex	E0EAEC
RGB	224, 234, 236
RGB Percent	88%, 92%, 93%
CMY	0.1218, 0.0826, 0.0747
CMYK	0.05, 0.01, 0.00, 0.07
HSL	190°, 24%, 90%
HSV	190°, 5%, 93%
XYZ	75.2617, 80.7044, 90.9245
YIQ	231.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

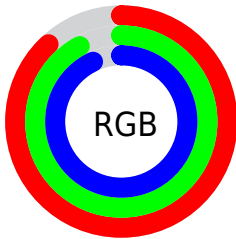
Format	Color
RYB	224, 229, 236
Decimal	14740204
CIELab	92.00, -2.94, -2.13
CIELCh	92, 3.633, 215.907
Yxy	80.7044, 0.3048, 0.3269
Android (android.graphics.Color)	4292930284 (0xFFE0EAEC)
YUV	231.2380, 2.3477, -6.3477
Hunter-Lab	89.8356, -7.6703, 2.8763

Details

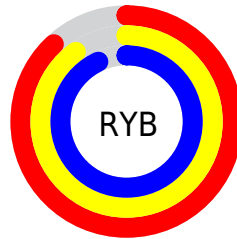
The CIELCh color `92, 3.633, 215.907` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `91, 3.749, 35.461`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 3.463, 217.641` is the 20% darker color. If you saturate the color by 10%, you get `89, 10.494, 215.953`, and if you desaturate by 10%, it is `95, 3.584, 35.448`.

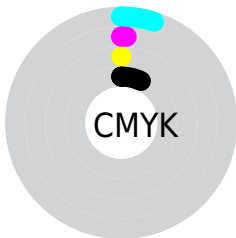
Distribution



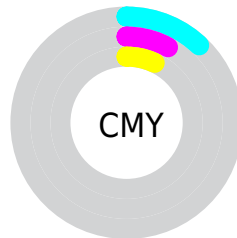
- Red (88%)
- Green (92%)
- Blue (93%)



- Red (88%)
- Yellow (90%)
- Blue (93%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.633, 215.907 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, 3.633, 215.907 by changing the saturation by 10% instead.

■ 92, 3.633, 215.907

■ 92, 3.633, 215.907

■ 100, 3.633,
215.907

■ 82, 3.633, 215.907

■ 72, 3.633, 215.907

■ 62, 3.633, 215.907

■ 52, 3.633, 215.907

■ 42, 3.633, 215.907

■ 32, 3.633, 215.907

■ 22, 3.633, 215.907

■ 12, 3.633, 215.907

■ 2, 3.633, 215.907

92, 3.633, 215.907

92, 3.633, 215.907

89, 10.494,
215.953

95, 3.584, 35.448

87, 16.897,
216.271

96, 5.591, 51.830

85, 22.730,
216.790

97, 5.972, 75.839

82, 27.879,
217.550

99, 8.943, 106.214

80, 32.235,
218.607

100, 9.646,
109.447

79, 35.713,
220.028

77, 38.272,
221.886

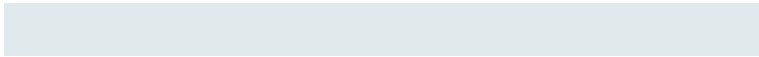
75, 39.932,
224.254

■ 74, 40.803,
227.184

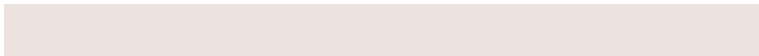
Harmonies

Complementary

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



92, 3.633, 215.907



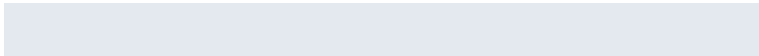
91, 3.749, 35.461

Rectangle

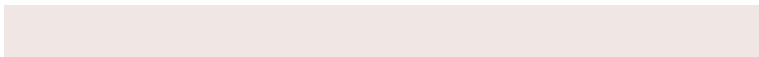
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



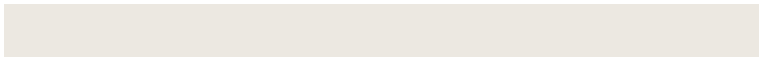
92, 3.633, 215.907



92, 3.633, 265.907



92, 3.633, 35.907



92, 3.633, 85.907

Sweetspot

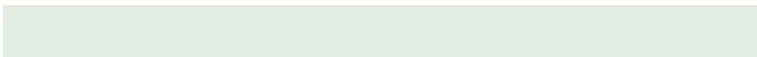
The Sweet Spot groups the original color and five complimentary colors.



92, 3.634, 215.872



99, 1.534, 216.096



92, 6.818, 148.580



53, 0.872, 216.117



0, 0.000, 0.000



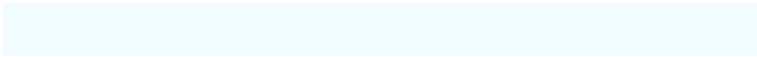
53, 0.007, 296.813

Same Dimension

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



92, 3.634, 215.872



98, 4.555, 215.858



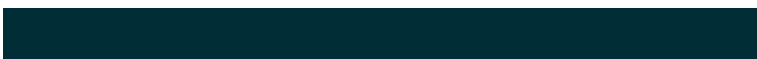
91, 4.288, 270.486



48, 2.817, 215.854



58, 33.669, 228.159



16, 14.459, 222.905

Inverse Universe

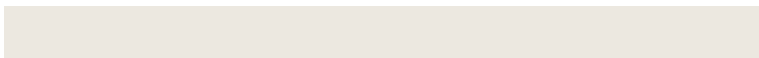
The Inverse Universe completely reimagines the original color for something new.



90, 6.761, 329.638



96, 8.500, 329.703



92, 4.279, 89.070



47, 5.267, 329.744



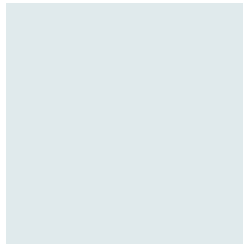
41, 78.500, 336.163



9, 34.247, 334.819

Previews

White Background



This preview shows how the CIELCh color 92, 3.633, 215.907 looks on a white background.

Color Contrast Check

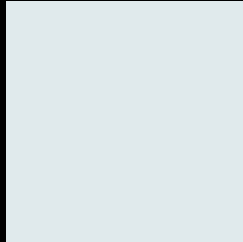
Large Text (above 18pt) WCAG AA × Fail

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, 3.633, 215.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

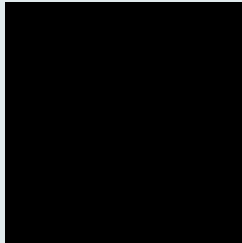
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

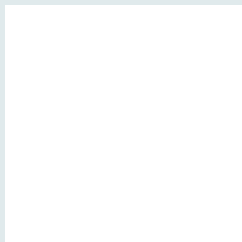
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.633, 215.907

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.633, 215.907.

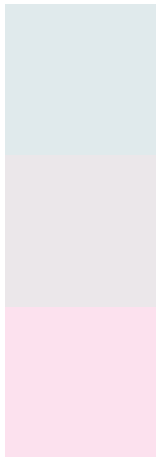


This preview shows how white text looks on a background with the CIELCh color 92, 3.633, 215.907.

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

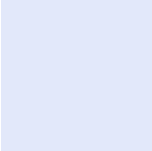
92, 3.633, 215.907

Protanopia

92, 2.124, 332.278

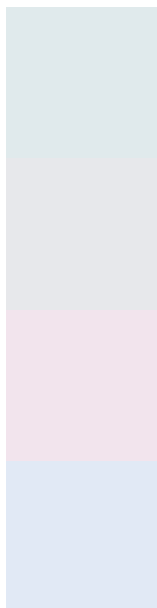
Deuteranopia

92, 11.786, 345.545



Tritanopia
92, 9.498, 278.458

Trichromacy



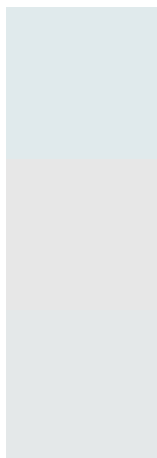
Original Color
92, 3.633, 215.907

Protanomaly
92, 1.595, 277.562

Deuteranomaly
92, 6.851, 337.049

Tritanomaly
92, 6.744, 266.556

Monochromacy



Original Color
92, 3.633, 215.907

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.499, 219.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.633, 215.907 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(224, 234, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 234, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.633, 215.907 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, 236) }
```

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

```
.border{ border-color:rgb(224, 234, 236) }
```

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, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 234, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 234, 236);  
box-shadow:4px 4px 4px 4px rgb(224, 234,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.633, 215.907 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, 236) }
```

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

```
.background{ background-color: rgb(224,  
234, 236) }
```

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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