

Converting Colors

CIELCh(92, 2.512, 301.356)

Have a look what the booklet for
CIELCh(92, 2.512, 301.356) contains.

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Color

CIELCh(92, 2.699, 305.569)

Conversions

Conversions Part 1

Format	Color
Hex	E9E7EC
RGB	233, 231, 236
RGB Percent	91%, 91%, 93%
CMY	0.0854, 0.0932, 0.0736
CMYK	0.01, 0.02, 0.00, 0.07
HSL	264°, 12%, 92%
HSV	264°, 2%, 93%
XYZ	77.4858, 80.7044, 91.0183
YIQ	232.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

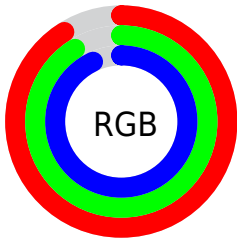
Format	Color
R_{YB}	233, 231, 236
Decimal	15329260
CIE Lab	92.00, 1.57, -2.20
CIE LCh	92, 2.699, 305.569
Yxy	80.7044, 0.3109, 0.3238
Android (android.graphics.Color)	4293519340 (0xFFE9E7EC)
YUV	232.1680, 1.8892, 0.7297
Hunter-Lab	89.8356, -3.2510, 2.8144

Details

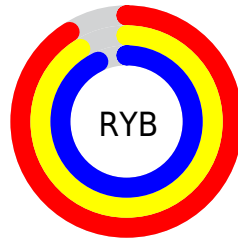
The CIELCh color **92, 2.699, 305.569** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 2.667, 125.417**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 2.840, 305.608** is the 20% darker color. If you saturate the color by 10%, you get **85, 15.653, 306.105**, and if you desaturate by 10%, it is **99, 9.833, 125.134**.

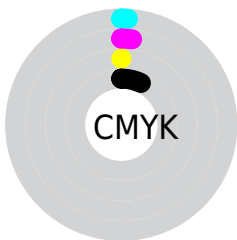
Distribution



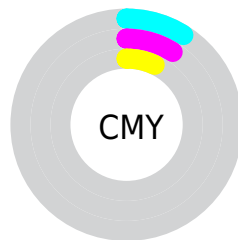
- Red (91%)
- Green (91%)
- Blue (93%)



- Red (91%)
- Yellow (91%)
- Blue (93%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.699, 305.569 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, 2.699, 305.569 by changing the saturation by 10% instead.

■ 92, 2.699, 305.569

■ 92, 2.699, 305.569

100, 2.699,
305.569

■ 82, 2.699, 305.569

■ 72, 2.699, 305.569

■ 62, 2.699, 305.569

■ 52, 2.699, 305.569

■ 42, 2.699, 305.569

■ 32, 2.699, 305.569

■ 22, 2.699, 305.569

■ 12, 2.699, 305.569

■ 2, 2.699, 305.569

92, 2.699, 305.569

92, 2.699, 305.569

85, 15.653,
306.105

99, 9.833, 125.134

78, 29.029,
306.692

100, 9.506,
109.457

71, 42.787,
307.335

64, 56.830,
308.020

58, 70.957,
308.719

51, 84.790,
309.378

46, 97.683,
309.911

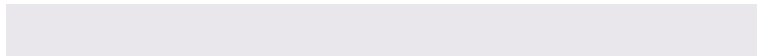
41, 108.662,
310.192

■ 37,116.573,
310.069

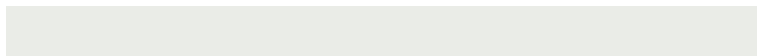
Harmonies

Complementary

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



92, 2.699, 305.569



93, 2.667, 125.417

Rectangle

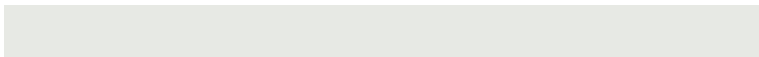
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



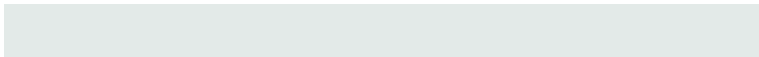
92, 2.699, 305.569



92, 2.699, 355.569



92, 2.699, 125.569



92, 2.699, 175.569

Sweetspot

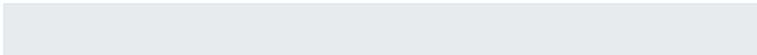
The Sweet Spot groups the original color and five complimentary colors.



92, 2.697, 305.552



99, 1.360, 305.459



93, 1.463, 242.430



53, 0.773, 305.452



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, 2.697, 305.552



98, 4.071, 305.607



92, 3.044, 321.258



48, 2.884, 305.651



26, 98.535, 309.873



4, 37.154, 308.283

Inverse Universe

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



92, 2.378, 338.591



98, 3.588, 338.710



93, 3.022, 141.227



48, 2.541, 338.794



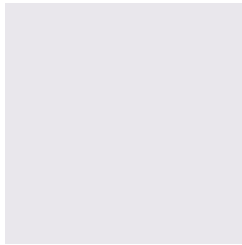
39, 67.609, 352.805



8, 29.824, 347.989

Previews

White Background



This preview shows how the CIELCh color 92, 2.699, 305.569 looks on a white background.

Color Contrast Check

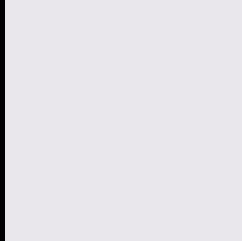
Large Text (above 18pt) WCAG AA × Fail

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, 2.699, 305.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

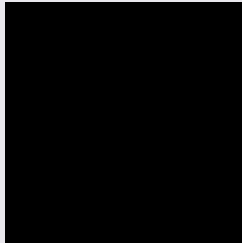
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

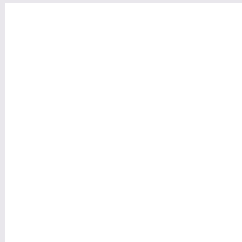
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.699, 305.569

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.699, 305.569.



This preview shows how white text looks on a background with the CIELCh color 92, 2.699, 305.569.

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](#).

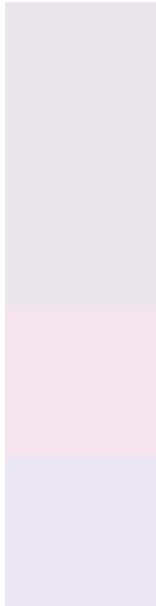
Dichromacy





Tritanopia
92, 10.092, 302.829

Trichromacy



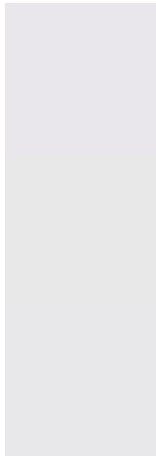
Original Color
92, 2.699, 305.569

Protanomaly
92, 2.816, 312.511

Deuteranomaly
92, 8.273, 341.302

Tritanomaly
92, 7.406, 301.600

Monochromacy



Original Color
92, 2.699, 305.569

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.044, 290.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.699, 305.569 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(233, 231, 236)` looks like.

```
.text, #text, p{  
    color:rgb(233, 231, 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(233, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 231, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.699, 305.569 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(233, 231, 236) }
```

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

```
.border{ border-color:rgb(233, 231, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 231, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 231, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 231, 236);  
box-shadow:4px 4px 4px 4px rgb(233, 231,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.699, 305.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 231, 236) }
```

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

```
.background{ background-color: rgb(233,  
231, 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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