

Converting Colors

CIELCh(91, 1.762, 314.616)

Have a look what the booklet for
CIELCh(91, 1.762, 314.616) contains.

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Color

CIELCh(91, 1.726, 314.612)

Conversions

Conversions Part 1

Format	Color
Hex	E7E5E8
RGB	231, 229, 232
RGB Percent	91%, 90%, 91%
CMY	0.0960, 0.1038, 0.0921
CMYK	0.00, 0.01, 0.00, 0.09
HSL	280°, 6%, 90%
HSV	280°, 1%, 91%
XYZ	75.1858, 78.4833, 87.1738
YIQ	229.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

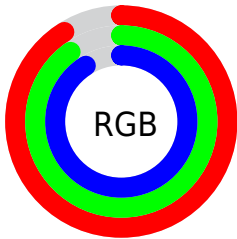
Format	Color
R _Y B	231, 229, 232
Decimal	15197672
CIE Lab	91.00, 1.21, -1.23
CIE LCh	91, 1.726, 314.612
Yxy	78.4833, 0.3122, 0.3259
Android (android.graphics.Color)	4293387752 (0xFFE7E5E8)
YUV	229.9400, 1.0156, 0.9296
Hunter-Lab	88.5908, -3.5435, 3.6719

Details

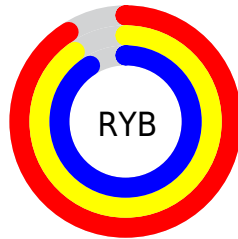
The CIELCh color **91, 1.726, 314.612** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 1.701, 134.714**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 1.166, 309.025** is the 20% darker color. If you saturate the color by 10%, you get **85, 15.156, 315.115**, and if you desaturate by 10%, it is **97, 11.367, 134.332**.

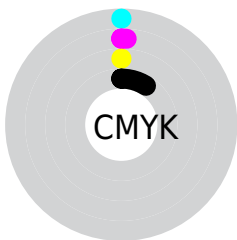
Distribution



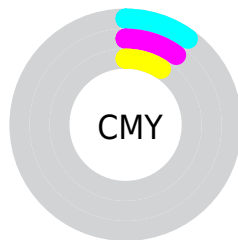
- Red (91%)
- Green (90%)
- Blue (91%)



- Red (91%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 1.726, 314.612 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 91, 1.726, 314.612 by changing the saturation by 10% instead.

■ 91, 1.726, 314.612

■ 91, 1.726, 314.612

100, 1.726,
314.612

■ 81, 1.726, 314.612

■ 71, 1.726, 314.612

■ 61, 1.726, 314.612

■ 51, 1.726, 314.612

■ 41, 1.726, 314.612

■ 31, 1.726, 314.612

■ 21, 1.726, 314.612

■ 11, 1.726, 314.612

■ 1, 1.726, 314.612

91, 1.726, 314.612

91, 1.726, 314.612

85, 15.156,
315.115

97, 11.367,
134.332

78, 28.869,
315.559

99, 12.361,
124.468

72, 42.745,
316.005

99, 11.897,
111.527

66, 56.588,
316.435

99, 11.883,
109.279

61, 70.081,
316.816

55, 82.753,
317.103

51, 93.962,
317.237

47, 102.955,
317.143

■ 44,109.060,
316.750

Harmonies

Complementary

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



91, 1.726, 314.612



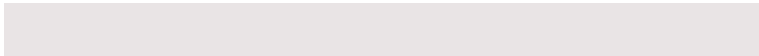
92, 1.701, 134.714

Rectangle

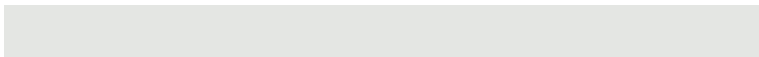
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



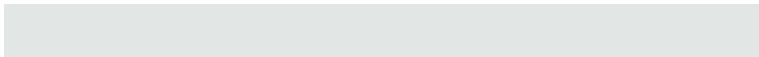
91, 1.726, 314.612



91, 1.726, 4.612



91, 1.726, 134.612



91, 1.726, 184.612

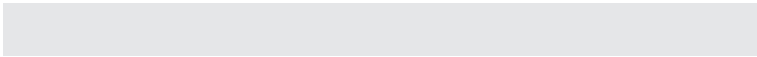
Sweetspot

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



91, 1.724, 314.597

100, 0.012, 296.813



91, 1.078, 270.190



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

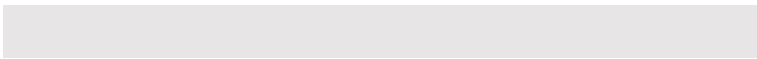
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 1.724, 314.597



99, 2.879, 314.666



91, 1.714, 328.728



48, 1.501, 314.657



32, 92.203, 316.344



5, 36.580, 316.940

Inverse Universe

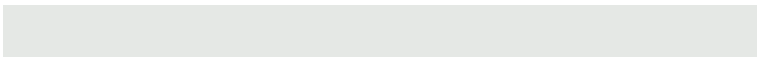
The Inverse Universe completely reimagines the original color for something new.



91, 1.198, 353.345



99, 2.003, 353.565



92, 1.695, 148.960



48, 1.044, 353.536



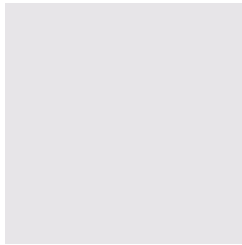
38, 66.078, 17.846



7, 26.706, 6.545

Previews

White Background



This preview shows how the CIELCh color 91, 1.726, 314.612 looks on a white background.

Color Contrast Check

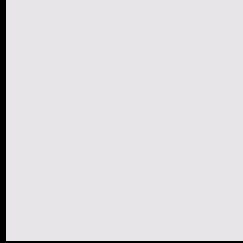
Large Text (above 18pt) WCAG AA × Fail

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 91, 1.726, 314.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

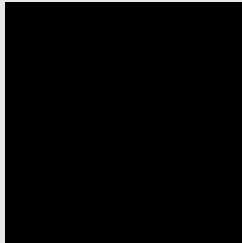
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

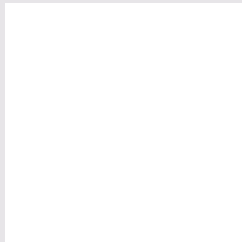
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 1.726, 314.612

Background



This preview shows how black text looks on a background with the CIELCh color 91, 1.726, 314.612.

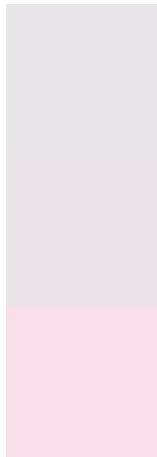


This preview shows how white text looks on a background with the CIELCh color 91, 1.726, 314.612.

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

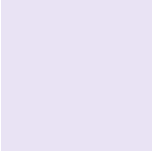
91, 1.726, 314.612

Protanopia

91, 2.129, 332.282

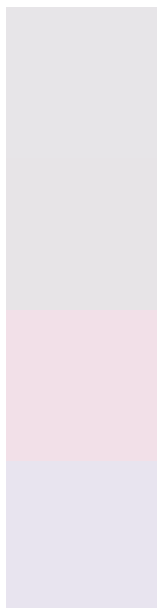
Deuteranopia

91, 11.276, 349.913



Tritanopia
91, 9.098, 304.143

Trichromacy



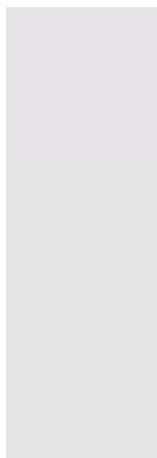
Original Color
91, 1.726, 314.612

Protanomaly
91, 1.905, 324.363

Deuteranomaly
91, 7.696, 347.345

Tritanomaly
91, 5.899, 304.397

Monochromacy



Original Color
91, 1.726, 314.612

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 0.642, 324.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 1.726, 314.612 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(231, 229, 232)` looks like.

```
.text, #text, p{  
    color:rgb(231, 229, 232)  
}
```

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(231, 229, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 229, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 1.726, 314.612 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(231, 229, 232) }
```

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

```
.border{ border-color:rgb(231, 229, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 229, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 229, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 229, 232);  
box-shadow:4px 4px 4px 4px rgb(231, 229,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 1.726, 314.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 229, 232) }
```

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

```
.background{ background-color: rgb(231,  
229, 232) }
```

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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