

Converting Colors

CIELCh(91, 2.675, 115.266)

Have a look what the booklet for
CIELCh(91, 2.675, 115.266) contains.

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Color

CIELCh(91, 2.605, 117.853)

Conversions

Conversions Part 1

Format	Color
Hex	E5E6E1
RGB	229, 230, 225
RGB Percent	90%, 90%, 88%
CMY	0.1030, 0.0991, 0.1187
CMYK	0.00, 0.00, 0.02, 0.10
HSL	72°, 9%, 89%
HSV	72°, 2%, 90%
XYZ	74.0070, 78.4833, 82.2942
YIQ	229.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

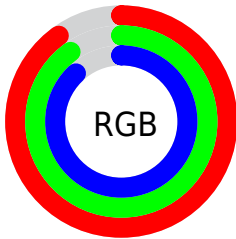
Format	Color
R _Y B	225, 230, 226
Decimal	15066849
CIE Lab	91.00, -1.22, 2.30
CIE LCh	91, 2.605, 117.853
Yxy	78.4833, 0.3152, 0.3343
Android (android.graphics.Color)	4293256929 (0xFFE5E6E1)
YUV	229.1310, -2.0366, -0.1149
Hunter-Lab	88.5908, -5.9185, 6.9377

Details

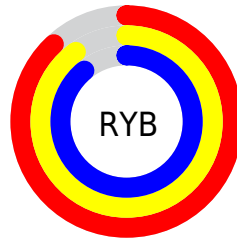
The CIELCh color **91, 2.605, 117.853** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 2.640, 298.162**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 2.744, 117.809** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.610, 117.193**, and if you desaturate by 10%, it is **92, 9.412, 298.531**.

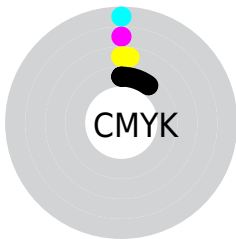
Distribution



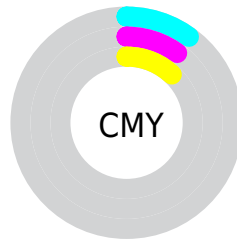
- Red (90%)
- Green (90%)
- Blue (88%)



- Red (88%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 2.605, 117.853 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, 2.605, 117.853 by changing the saturation by 10% instead.

91, 2.605, 117.853

91, 2.605, 117.853

100, 2.605,
117.853

81, 2.605, 117.853

71, 2.605, 117.853

61, 2.605, 117.853

51, 2.605, 117.853

41, 2.605, 117.853

31, 2.605, 117.853

21, 2.605, 117.853

11, 2.605, 117.853

1, 2.605, 117.853

91, 2.605, 117.853

91, 2.605, 117.853

90, 14.610,
117.193

92, 9.412, 298.531

89, 26.529,
116.498

93, 13.415,
303.315

89, 38.266,
115.809

93, 13.847,
309.776

88, 49.673,
115.152

93, 14.443,
315.830

87, 60.524,
114.566

94, 15.187,
321.398

87, 70.485,
114.107

94, 15.782,
324.970

86, 79.089,
113.852

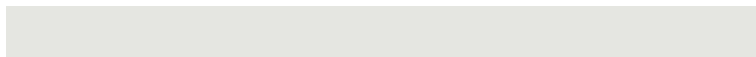
86, 85.778,
113.894

■ 86, 90.089,
114.319

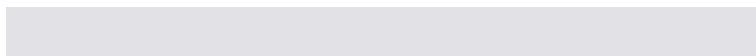
Harmonies

Complementary

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



91, 2.605, 117.853



90, 2.640, 298.162

Rectangle

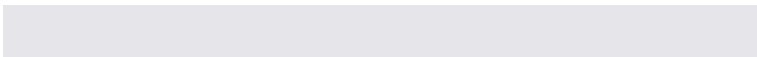
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



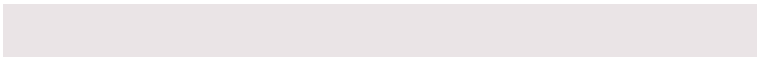
91, 2.605, 117.853



91, 2.605, 167.853



91, 2.605, 297.853



91, 2.605, 347.853

Sweetspot

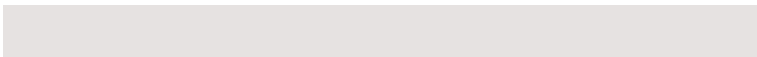
The Sweet Spot groups the original color and five complimentary colors.



91, 2.607, 117.879



100, 1.297, 117.963



90, 1.519, 39.036



53, 0.737, 117.967



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 2.607, 117.879



100, 3.913, 117.821



91, 2.882, 135.714



48, 2.722, 117.769



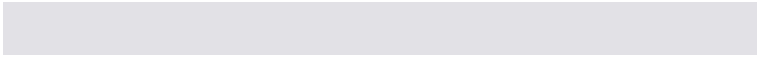
68, 76.102, 114.715



19, 29.837, 114.537

Inverse Universe

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



90, 2.640, 298.162



98, 3.959, 298.222



90, 2.906, 315.755



47, 2.755, 298.276



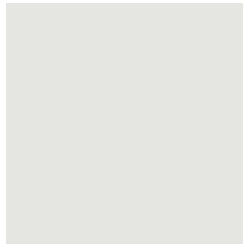
22, 100.818, 307.281



3, 34.118, 301.543

Previews

White Background



This preview shows how the CIELCh color 91, 2.605, 117.853 looks on a white background.

Color Contrast Check

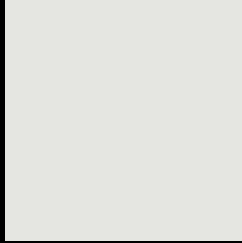
Large Text (above 18pt) WCAG AA × Fail

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, 2.605, 117.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

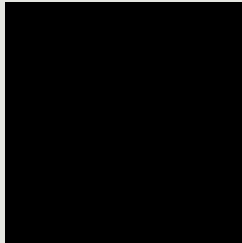
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

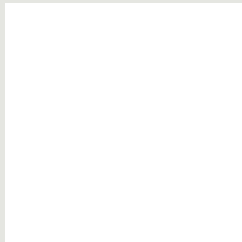
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 2.605, 117.853

Background



This preview shows how black text looks on a background with the CIELCh color 91, 2.605, 117.853.

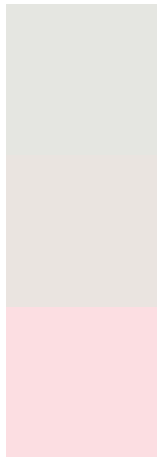


This preview shows how white text looks on a background with the CIELCh color 91, 2.605, 117.853.

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

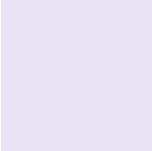
91, 2.605, 117.853

Protanopia

91, 2.974, 63.293

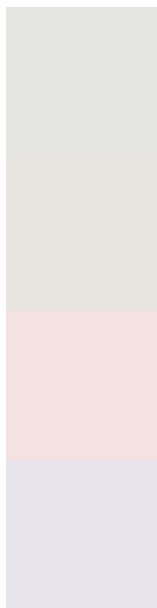
Deuteranopia

91, 11.125, 9.489



Tritanopia
91, 9.530, 301.410

Trichromacy



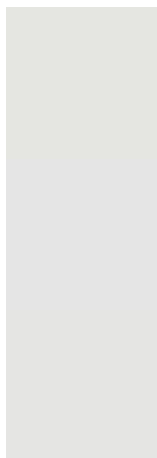
Original Color
91, 2.605, 117.853

Protanomaly
91, 2.784, 87.109

Deuteranomaly
91, 6.906, 15.526

Tritanomaly
91, 5.313, 302.034

Monochromacy



Original Color
91, 2.605, 117.853

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.025, 110.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 2.605, 117.853 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(229, 230, 225)` looks like.

```
.text, #text, p{  
    color:rgb(229, 230, 225)  
}
```

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(229, 230, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 230, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 2.605, 117.853 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(229, 230, 225) }
```

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

```
.border{ border-color:rgb(229, 230, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 230, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 230, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 230, 225);  
box-shadow:4px 4px 4px 4px rgb(229, 230,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 2.605, 117.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 230, 225) }
```

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

```
.background{ background-color: rgb(229,  
230, 225) }
```

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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