

Converting Colors

CIELCh(91, 2.859, 276.682)

Have a look what the booklet for
CIELCh(91, 2.859, 276.682) contains.

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Color

CIELCh(91, 3.185, 277.702)

Conversions

Conversions Part 1

Format	Color
Hex	E3E5EB
RGB	227, 229, 235
RGB Percent	89%, 90%, 92%
CMY	0.1092, 0.1014, 0.0778
CMYK	0.03, 0.03, 0.00, 0.08
HSL	225°, 17%, 91%
HSV	225°, 3%, 92%
XYZ	74.8034, 78.4833, 89.9165
YIQ	229.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

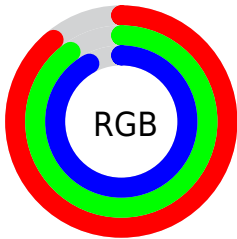
Format	Color
R_{YB}	227, 229, 235
Decimal	14935531
CIE Lab	91.00, 0.43, -3.16
CIE LCh	91, 3.185, 277.702
Yxy	78.4833, 0.3076, 0.3227
Android (android.graphics.Color)	4293125611 (0xFFE3E5EB)
YUV	229.0860, 2.9156, -1.8294
Hunter-Lab	88.5908, -4.3140, 1.8363

Details

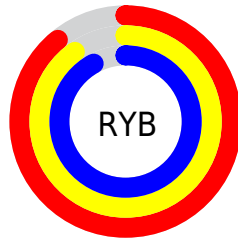
The CIELCh color `91, 3.185, 277.702` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 3.157, 96.736`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 2.821, 275.284` is the 20% darker color. If you saturate the color by 10%, you get `85, 12.666, 278.943`, and if you desaturate by 10%, it is `97, 6.070, 96.434`.

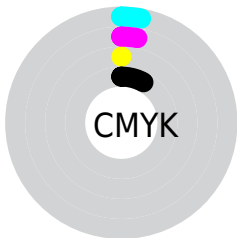
Distribution



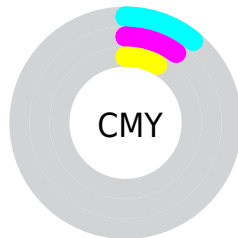
- Red (89%)
- Green (90%)
- Blue (92%)



- Red (89%)
- Yellow (90%)
- Blue (92%)



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



- Cyan (11%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 3.185, 277.702 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, 3.185, 277.702 by changing the saturation by 10% instead.

■ 91, 3.185, 277.702

■ 91, 3.185, 277.702

■ 100, 3.185,
277.702

■ 81, 3.185, 277.702

■ 71, 3.185, 277.702

■ 61, 3.185, 277.702

■ 51, 3.185, 277.702

■ 41, 3.185, 277.702

■ 31, 3.185, 277.702

■ 21, 3.185, 277.702

■ 11, 3.185, 277.702

■ 1, 3.185, 277.702

91, 3.185, 277.702

91, 3.185, 277.702

85, 12.666,
278.943

97, 6.070, 96.434

79, 22.392,
280.478

100, 10.048,
109.417

72, 32.380,
282.280

66, 42.659,
284.386

60, 53.262,
286.826

54, 64.218,
289.607

49, 75.510,
292.683

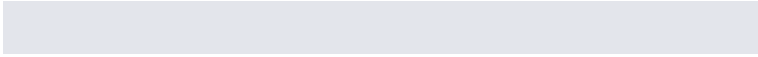
43, 86.989,
295.931

■ 39, 98.241,
299.133

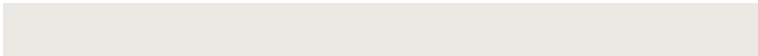
Harmonies

Complementary

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



91, 3.185, 277.702



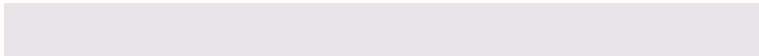
92, 3.157, 96.736

Rectangle

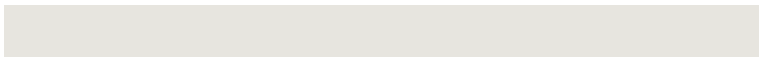
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



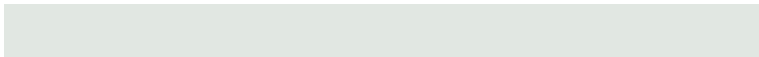
91, 3.185, 277.702



91, 3.185, 327.702



91, 3.185, 97.702



91, 3.185, 147.702

Sweetspot

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



91, 3.183, 277.671



99, 1.004, 277.540



92, 3.041, 178.183



53, 0.571, 277.546



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, 3.183, 277.671



97, 3.998, 277.737



91, 4.220, 299.486



48, 2.655, 277.817



27, 85.122, 300.543



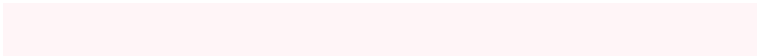
5, 29.462, 292.198

Inverse Universe

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



91, 3.060, 359.616



97, 3.847, 359.702



93, 4.171, 119.064



48, 2.557, 359.794



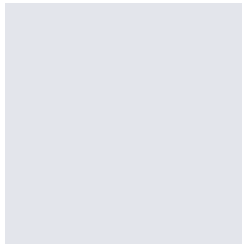
38, 69.586, 25.343



7, 27.831, 12.058

Previews

White Background



This preview shows how the CIELCh color 91, 3.185, 277.702 looks on a white background.

Color Contrast Check

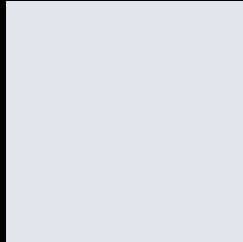
Large Text (above 18pt) WCAG AA × Fail

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, 3.185, 277.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

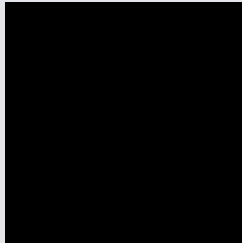
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

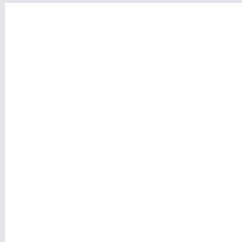
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 3.185, 277.702

Background



This preview shows how black text looks on a background with the CIELCh color 91, 3.185, 277.702.

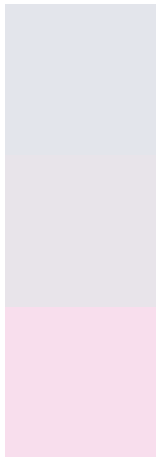


This preview shows how white text looks on a background with the CIELCh color 91, 3.185, 277.702.

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, 3.185, 277.702

Protanopia

91, 3.442, 314.719

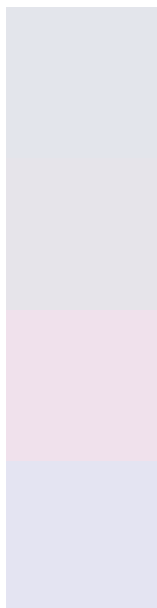
Deuteranopia

91, 12.140, 340.514



Tritanopia
91, 9.352, 293.046

Trichromacy



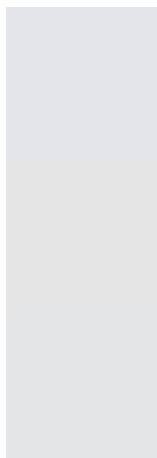
Original Color
91, 3.185, 277.702

Protanomaly
91, 3.209, 303.165

Deuteranomaly
91, 7.848, 333.337

Tritanomaly
91, 7.267, 290.770

Monochromacy



Original Color
91, 3.185, 277.702

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.099, 271.528

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 3.185, 277.702 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(227, 229, 235)` looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 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(227, 229, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 3.185, 277.702 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(227, 229, 235) }
```

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

```
.border{ border-color:rgb(227, 229, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 229, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 235);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 3.185, 277.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 235) }
```

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

```
.background{ background-color: rgb(227,  
229, 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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