

Converting Colors

CIELCh(91, 1.761, 213.420)

Have a look what the booklet for
CIELCh(91, 1.761, 213.420) contains.

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Color

CIELCh(91, 1.835, 216.040)

Conversions

Conversions Part 1

Format	Color
Hex	E1E6E7
RGB	225, 230, 231
RGB Percent	88%, 90%, 91%
CMY	0.1171, 0.0974, 0.0935
CMYK	0.03, 0.00, 0.00, 0.09
HSL	190°, 11%, 89%
HSV	190°, 3%, 91%
XYZ	73.8784, 78.4833, 86.9641
YIQ	228.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

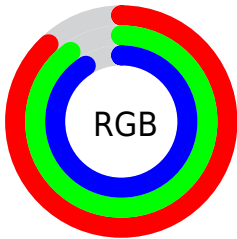
Format	Color
R_{YB}	225, 228, 231
Decimal	14804711
CIE _{Lab}	91.00, -1.48, -1.08
CIE _{LCh}	91, 1.835, 216.040
Yxy	78.4833, 0.3087, 0.3279
Android (android.graphics.Color)	4292994791 (0xFFE1E6E7)
YUV	228.6190, 1.1738, -3.1739
Hunter-Lab	88.5908, -6.1777, 3.8123

Details

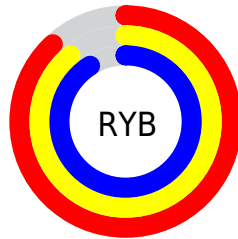
The CIELCh color **91, 1.835, 216.040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 1.862, 35.273**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 1.859, 199.518** is the 20% darker color. If you saturate the color by 10%, you get **88, 8.681, 215.866**, and if you desaturate by 10%, it is **94, 5.338, 35.467**.

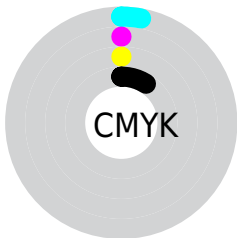
Distribution



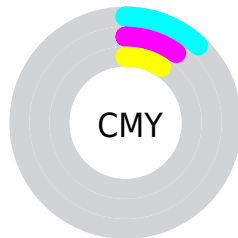
- Red (88%)
- Green (90%)
- Blue (91%)



- Red (88%)
- Yellow (89%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (12%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 1.835, 216.040 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, 1.835, 216.040 by changing the saturation by 10% instead.

■ 91, 1.835, 216.040

■ 91, 1.835, 216.040

■ 100, 1.835,
216.040

■ 81, 1.835, 216.040

■ 71, 1.835, 216.040

■ 61, 1.835, 216.040

■ 51, 1.835, 216.040

■ 41, 1.835, 216.040

■ 31, 1.835, 216.040

■ 21, 1.835, 216.040

■ 11, 1.835, 216.040

■ 1, 1.835, 216.040

91, 1.835, 216.040

91, 1.835, 216.040

88, 8.681, 215.866

94, 5.338, 35.467

86, 15.102,
216.134

95, 7.085, 48.473

84, 20.992,
216.597

96, 7.204, 67.639

81, 26.237,
217.287

97, 8.062, 84.350

79, 30.729,
218.259

99, 11.179,
105.948

78, 34.376,
219.575

99, 12.073,
109.265

76, 37.125,
221.307

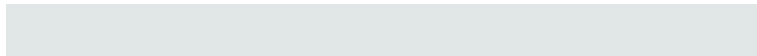
74, 38.978,
223.530

■ 73, 40.019,
226.302

Harmonies

Complementary

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



91, 1.835, 216.040



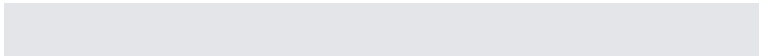
90, 1.862, 35.273

Rectangle

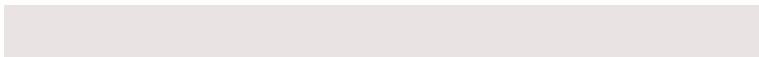
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 1.835, 216.040



91, 1.835, 266.040



91, 1.835, 36.040



91, 1.835, 86.040

Sweetspot

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



91, 1.836, 215.969



100, 0.770, 216.478



91, 3.411, 148.783



53, 0.438, 216.522



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

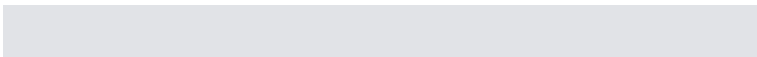
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 1.836, 215.969



99, 2.295, 215.927



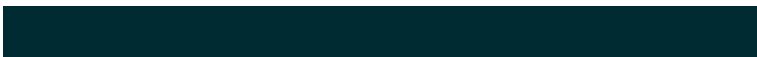
90, 2.153, 270.225



48, 1.593, 215.878



57, 33.316, 228.052



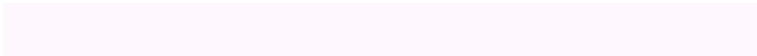
15, 14.028, 222.536

Inverse Universe

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



90, 3.391, 329.429



98, 4.245, 329.468



91, 2.137, 89.317



47, 2.952, 329.531



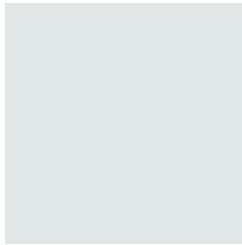
41, 77.707, 336.135



8, 33.252, 334.726

Previews

White Background



This preview shows how the CIELCh color 91, 1.835, 216.040 looks on a white background.

Color Contrast Check

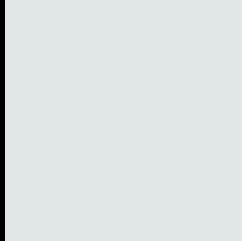
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 91, 1.835, 216.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

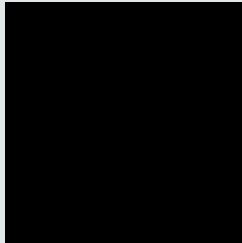
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

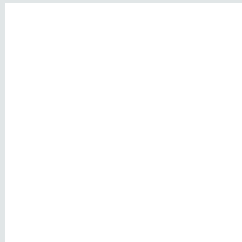
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 1.835, 216.040

Background



This preview shows how black text looks on a background with the CIELCh color 91, 1.835, 216.040.




This preview shows how white text looks on a background with the CIELCh color 91, 1.835, 216.040.

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](#).

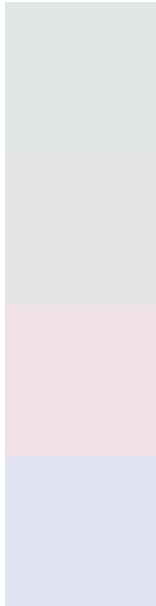
Dichromacy





Tritanopia
91, 9.342, 288.820

Trichromacy



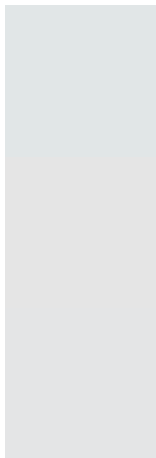
Original Color
91, 1.835, 216.040

Protanomaly
91, 0.642, 324.020

Deuteranomaly
91, 6.506, 345.947

Tritanomaly
91, 6.295, 281.162

Monochromacy



Original Color
91, 1.835, 216.040

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 0.632, 256.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 1.835, 216.040 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(225, 230, 231)` looks like.

```
.text, #text, p{  
    color:rgb(225, 230, 231)  
}
```

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(225, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 230, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 1.835, 216.040 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(225, 230, 231) }
```

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

```
.border{ border-color:rgb(225, 230, 231) }
```

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

Here you see how a box with a 4 pixel rgb(225, 230, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(225, 230,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 1.835, 216.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 230, 231) }
```

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

```
.background{ background-color: rgb(225,  
230, 231) }
```

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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