

Converting Colors

CIELCh(91, 1.847, 307.716)

Have a look what the booklet for
CIELCh(91, 1.847, 307.716) contains.

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Color

CIELCh(91, 1.609, 303.075)

Conversions

Conversions Part 1

Format	Color
Hex	E6E5E8
RGB	230, 229, 232
RGB Percent	90%, 90%, 91%
CMY	0.0991, 0.1030, 0.0912
CMYK	0.01, 0.01, 0.00, 0.09
HSL	260°, 6%, 90%
HSV	260°, 1%, 91%
XYZ	75.0229, 78.4833, 87.3423
YIQ	229.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

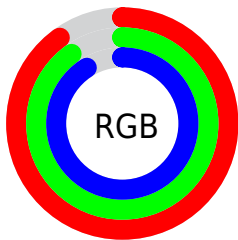
Format	Color
R _Y B	230, 229, 232
Decimal	15132136
CIE Lab	91.00, 0.88, -1.35
CIE LCh	91, 1.609, 303.075
Yxy	78.4833, 0.3115, 0.3259
Android (android.graphics.Color)	4293322216 (0xFFE6E5E8)
YUV	229.6410, 1.1630, 0.3148
Hunter-Lab	88.5908, -3.8716, 3.5591

Details

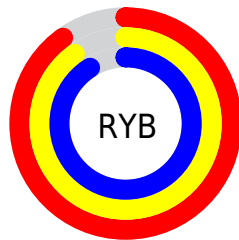
The CIELCh color **91, 1.609, 303.075** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 1.582, 122.989**, and the grayscale version is **91, 0.011, 296.813**.

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 **84, 14.199, 303.657**, and if you desaturate by 10%, it is **98, 10.549, 122.587**.

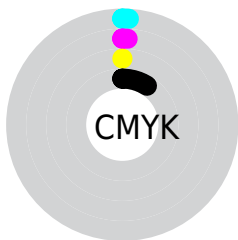
Distribution



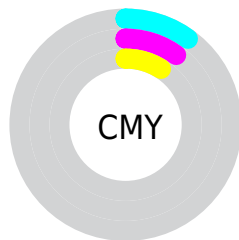
- Red (90%)
- Green (90%)
- Blue (91%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 1.609, 303.075 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, 1.609, 303.075 by changing the saturation by 10% instead.

■ 91, 1.609, 303.075

■ 91, 1.609, 303.075

100, 1.609,
303.075

■ 81, 1.609, 303.075

■ 71, 1.609, 303.075

■ 61, 1.609, 303.075

■ 51, 1.609, 303.075

■ 41, 1.609, 303.075

■ 31, 1.609, 303.075

■ 21, 1.609, 303.075

■ 11, 1.609, 303.075

■ 1, 1.609, 303.075

91, 1.609, 303.075

91, 1.609, 303.075

84, 14.199,
303.657

98, 10.549,
122.587

77, 27.233,
304.312

99, 11.774,
109.287

70, 40.692,
305.043

63, 54.511,
305.842

56, 68.532,
306.684

50, 82.435,
307.521

44, 95.622,
308.264

39, 107.119,
308.777

■ 35,115.658,
308.887

Harmonies

Complementary

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



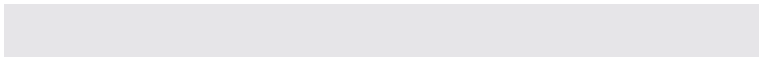
91, 1.609, 303.075



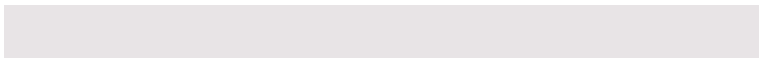
92, 1.582, 122.989

Rectangle

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



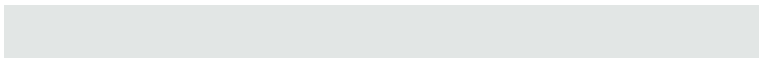
91, 1.609, 303.075



91, 1.609, 353.075



91, 1.609, 123.075



91, 1.609, 173.075

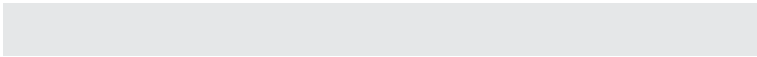
Sweetspot

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



91, 1.607, 303.043

100, 0.012, 296.813



91, 0.875, 234.355



53, 0.007, 296.813



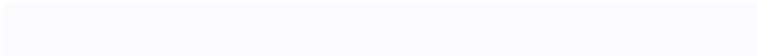
0, 0.000, 0.000

Same Dimension

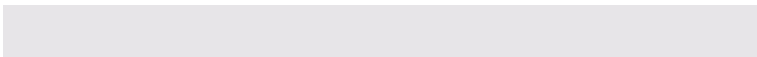
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 1.607, 303.043



98, 2.683, 303.097



91, 1.798, 319.234



48, 1.399, 303.088



24, 98.763, 308.797



3, 34.634, 305.241

Inverse Universe

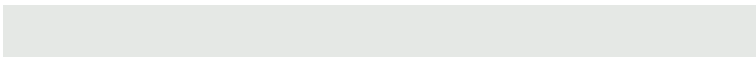
The Inverse Universe completely reimagines the original color for something new.



91, 1.504, 335.460



99, 2.511, 335.602



92, 1.777, 139.384



48, 1.309, 335.583



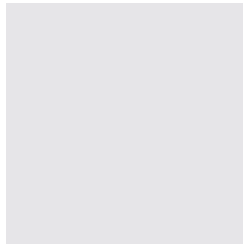
39, 69.279, 347.283



7, 29.946, 343.486

Previews

White Background



This preview shows how the CIELCh color 91, 1.609, 303.075 looks on a white background.

Color Contrast Check

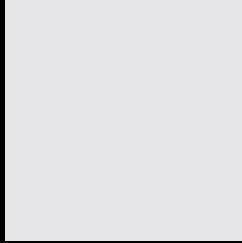
Large Text (above 18pt) WCAG AA × Fail

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, 1.609, 303.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

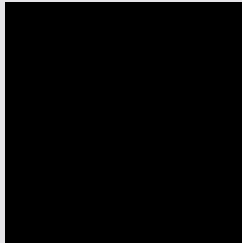
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

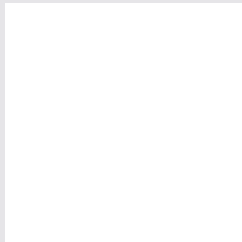
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 1.609, 303.075

Background



This preview shows how black text looks on a background with the CIELCh color 91, 1.609, 303.075.

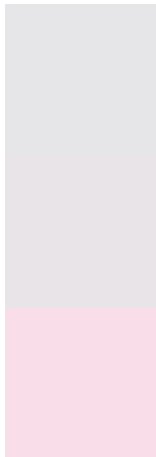


This preview shows how white text looks on a background with the CIELCh color 91, 1.609, 303.075.

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, 1.609, 303.075

Protanopia

91, 2.129, 332.282

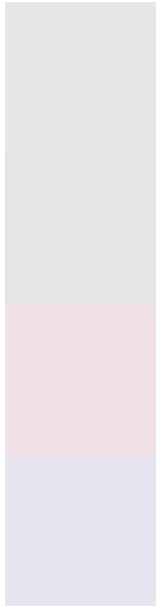
Deuteranopia

91, 11.276, 349.913



Tritanopia
91, 9.530, 301.410

Trichromacy



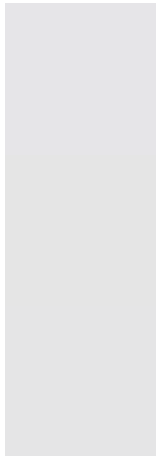
Original Color
91, 1.609, 303.075

Protanomaly
91, 1.905, 324.363

Deuteranomaly
91, 7.983, 344.213

Tritanomaly
91, 6.332, 300.221

Monochromacy



Original Color
91, 1.609, 303.075

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 0.528, 290.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 1.609, 303.075 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(230, 229, 232)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 229, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 229, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 1.609, 303.075 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(230, 229, 232) }
```

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

```
.border{ border-color:rgb(230, 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(230, 229, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 229, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 229, 232);  
box-shadow:4px 4px 4px 4px rgb(230, 229,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 1.609, 303.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 229, 232) }
```

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

```
.background{ background-color: rgb(230,  
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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