

Converting Colors

CIELCh(91, 7.310, 118.174)

Have a look what the booklet for
CIELCh(91, 7.310, 118.174) contains.

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Color

CIELCh(91, 7.316, 118.147)

Conversions

Conversions Part 1

Format	Color
Hex	E4E7D9
RGB	228, 231, 217
RGB Percent	89%, 91%, 85%
CMY	0.1067, 0.0950, 0.1499
CMYK	0.01, 0.00, 0.06, 0.09
HSL	73°, 22%, 88%
HSV	73°, 6%, 91%
XYZ	72.9339, 78.4833, 76.8005
YIQ	228.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

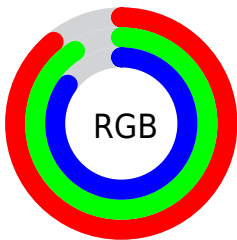
Format	Color
R_{YB}	217, 231, 220
Decimal	15001561
CIE Lab	91.00, -3.45, 6.45
CIE LCh	91, 7.316, 118.147
Yxy	78.4833, 0.3196, 0.3439
Android (android.graphics.Color)	4293191641 (0xFFE4E7D9)
YUV	228.5070, -5.6730, -0.4446
Hunter-Lab	88.5908, -8.0807, 10.6143

Details

The CIELCh color **91, 7.316, 118.147** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87, 7.426, 298.963**, 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, 7.113, 115.671** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.362, 117.483**, and if you desaturate by 10%, it is **92, 4.763, 298.802**.

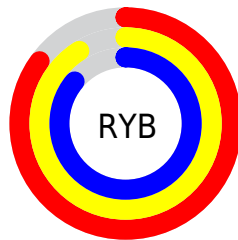
Distribution



Red (89%)

Green (91%)

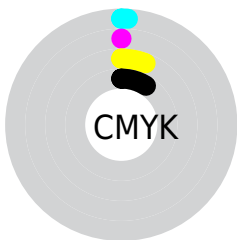
Blue (85%)



Red (85%)

Yellow (91%)

Blue (86%)

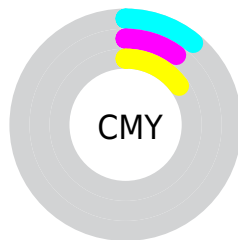


Cyan (1%)

Magenta (0%)

Yellow (6%)

Black (9%)



Cyan (11%)

Magenta (10%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 7.316, 118.147 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, 7.316, 118.147 by changing the saturation by 10% instead.

91, 7.316, 118.147

91, 7.316, 118.147

100, 7.316,
118.147

81, 7.316, 118.147

71, 7.316, 118.147

61, 7.316, 118.147

51, 7.316, 118.147

41, 7.316, 118.147

31, 7.316, 118.147

21, 7.316, 118.147

11, 7.316, 118.147

1, 7.316, 118.147

91, 7.316, 118.147

91, 7.316, 118.147

90, 19.362,
117.483

92, 4.763, 298.802

89, 31.291,
116.804

93, 12.783,
301.814

89, 42.987,
116.139

93, 13.219,
309.118

88, 54.277,
115.520

94, 13.854,
315.921

87, 64.896,
114.993

94, 14.665,
322.109

87, 74.458,
114.622

94, 15.128,
324.946

86, 82.447,
114.496

86, 88.311,
114.712

■ 86, 91.714,
115.344

Harmonies

Complementary

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



91, 7.316, 118.147



87, 7.426, 298.963

Rectangle

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



91, 7.316, 118.147



91, 7.316, 168.147



91, 7.316, 298.147



91, 7.316, 348.147

Sweetspot

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



91, 7.318, 118.157



100, 2.609, 118.429



88, 4.320, 39.216



53, 1.483, 118.436



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, 7.318, 118.157



99, 9.156, 118.092



91, 8.092, 135.502



48, 5.457, 118.057



68, 76.358, 115.468



19, 29.914, 115.243

Inverse Universe

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



87, 7.426, 298.963



95, 9.306, 299.033



88, 8.146, 315.962



45, 5.551, 299.071



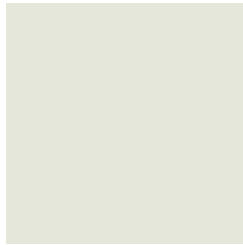
22, 100.637, 307.403



3, 34.158, 301.877

Previews

White Background



This preview shows how the CIELCh color 91, 7.316, 118.147 looks on a white background.

Color Contrast Check

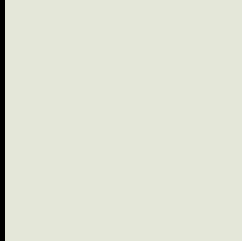
Large Text (above 18pt) WCAG AA × Fail

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, 7.316, 118.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

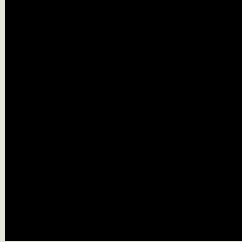
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

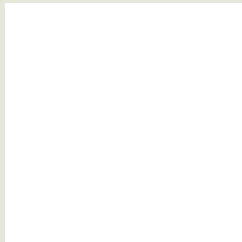
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 7.316, 118.147

Background



This preview shows how black text looks on a background with the CIELCh color 91, 7.316, 118.147.



This preview shows how white text looks on a background with the CIELCh color 91, 7.316, 118.147.

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

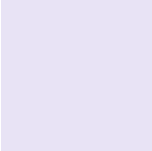
91, 7.316, 118.147

Protanopia

91, 7.311, 85.958

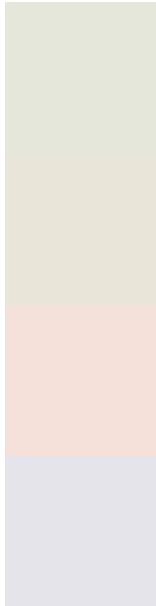
Deuteranopia

91, 12.598, 24.928



Tritanopia
91, 9.530, 301.410

Trichromacy



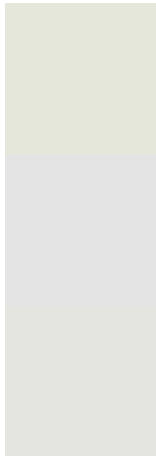
Original Color
91, 7.316, 118.147

Protanomaly
91, 6.858, 97.321

Deuteranomaly
91, 8.183, 45.956

Tritanomaly
91, 3.716, 301.425

Monochromacy



Original Color
91, 7.316, 118.147

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.607, 117.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 7.316, 118.147 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(228, 231, 217)` looks like.

```
.text, #text, p{  
    color:rgb(228, 231, 217)  
}
```

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(228, 231, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 231, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 7.316, 118.147 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(228, 231, 217) }
```

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

```
.border{ border-color:rgb(228, 231, 217) }
```

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

Here you see how a box with a 4 pixel rgb(228, 231, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 231, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 231, 217);  
box-shadow:4px 4px 4px 4px rgb(228, 231,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 7.316, 118.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 231, 217) }
```

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

```
.background{ background-color: rgb(228,  
231, 217) }
```

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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