

Converting Colors

CIELCh(91, 2.910, 226.616)

Have a look what the booklet for
CIELCh(91, 2.910, 226.616) contains.

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Color

CIELCh(91, 2.982, 219.788)

Conversions

Conversions Part 1

Format	Color
Hex	DFE7E9
RGB	223, 231, 233
RGB Percent	87%, 91%, 91%
CMY	0.1267, 0.0953, 0.0875
CMYK	0.04, 0.01, 0.00, 0.09
HSL	192°, 18%, 89%
HSV	192°, 4%, 91%
XYZ	73.4897, 78.4833, 88.1344
YIQ	228.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

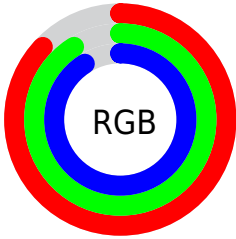
Format	Color
R_{YB}	223, 227, 233
Decimal	14673897
CIE _{Lab}	91.00, -2.29, -1.91
CIE _{LCh}	91, 2.982, 219.788
Yxy	78.4833, 0.3061, 0.3269
Android (android.graphics.Color)	4292863977 (0xFFDFE7E9)
YUV	228.8360, 2.0529, -5.1182
Hunter-Lab	88.5908, -6.9609, 3.0290

Details

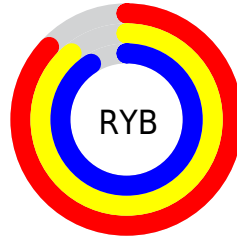
The CIELCh color **91, 2.982, 219.788** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 3.058, 39.148**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 2.791, 222.439** is the 20% darker color. If you saturate the color by 10%, you get **88, 9.672, 219.955**, and if you desaturate by 10%, it is **94, 4.035, 39.169**.

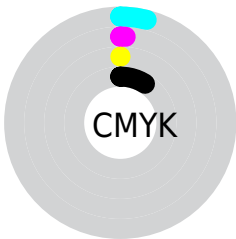
Distribution



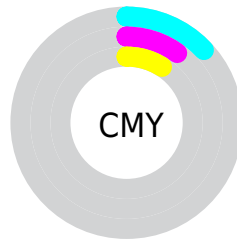
- Red (87%)
- Green (91%)
- Blue (91%)



- Red (87%)
- Yellow (89%)
- Blue (91%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 2.982, 219.788 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, 2.982, 219.788 by changing the saturation by 10% instead.

■ 91, 2.982, 219.788

■ 91, 2.982, 219.788

■ 100, 2.982,
219.788

■ 81, 2.982, 219.788

■ 71, 2.982, 219.788

■ 61, 2.982, 219.788

■ 51, 2.982, 219.788

■ 41, 2.982, 219.788

■ 31, 2.982, 219.788

■ 21, 2.982, 219.788

■ 11, 2.982, 219.788

■ 1, 2.982, 219.788

91, 2.982, 219.788

91, 2.982, 219.788

88, 9.672, 219.955

94, 4.035, 39.169

86, 15.940,
220.449

96, 6.566, 54.147

83, 21.684,
221.174

97, 7.126, 77.977

98, 8.663, 95.720

81, 26.797,
222.175

99, 10.758,
107.288

78, 31.177,
223.519

99, 11.291,
109.324

76, 34.747,
225.283

74, 37.467,
227.554

73, 39.366,
230.414

■ 71, 40.555,
233.915

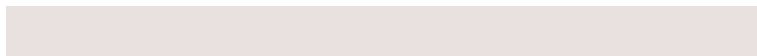
Harmonies

Complementary

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



91, 2.982, 219.788



90, 3.058, 39.148

Rectangle

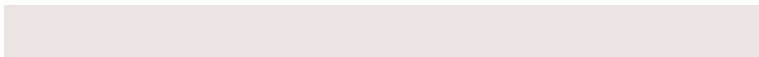
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



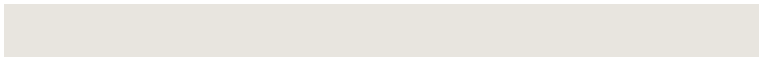
91, 2.982, 219.788



91, 2.982, 269.788



91, 2.982, 39.788



91, 2.982, 89.788

Sweetspot

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



91, 2.983, 219.744



100, 0.755, 220.318



91, 5.556, 149.747



53, 0.429, 220.362



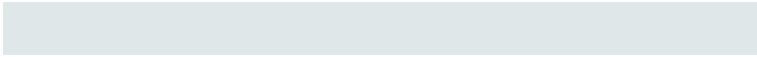
0, 0.000, 0.000



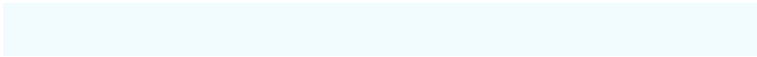
53, 0.007, 296.813

Same Dimension

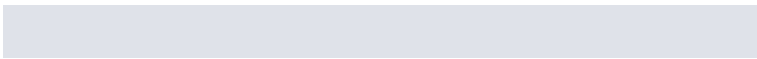
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 2.983, 219.744



98, 3.732, 219.736



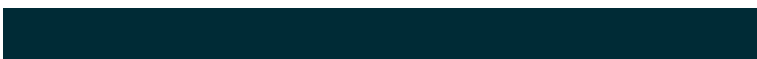
90, 3.711, 273.040



48, 2.374, 219.735



56, 33.963, 235.423



15, 14.422, 229.052

Inverse Universe

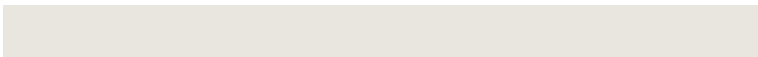
The Inverse Universe completely reimagines the original color for something new.



90, 5.513, 330.719



97, 6.913, 330.773



91, 3.693, 91.839



47, 4.406, 330.821



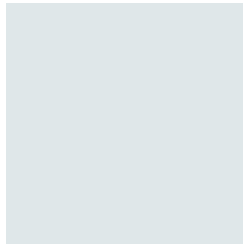
41, 76.561, 338.116



9, 33.511, 336.396

Previews

White Background



This preview shows how the CIELCh color 91, 2.982, 219.788 looks on a white background.

Color Contrast Check

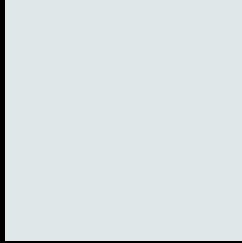
Large Text (above 18pt) WCAG AA × Fail

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, 2.982, 219.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

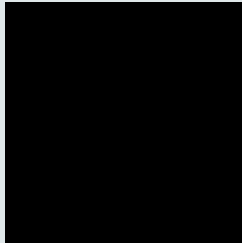
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

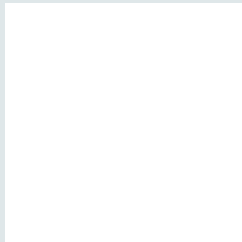
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 2.982, 219.788

Background



This preview shows how black text looks on a background with the CIELCh color 91, 2.982, 219.788.



This preview shows how white text looks on a background with the CIELCh color 91, 2.982, 219.788.

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](#).

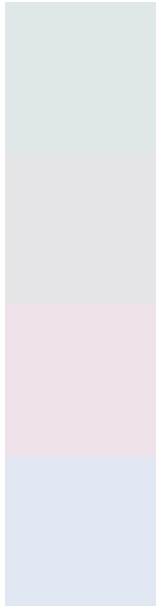
Dichromacy





Tritanopia
91, 9.411, 282.546

Trichromacy



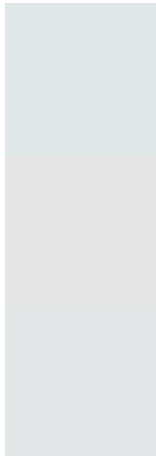
Original Color
91, 2.982, 219.788

Protanomaly
91, 1.564, 290.349

Deuteranomaly
91, 6.867, 337.055

Tritanomaly
91, 6.524, 272.130

Monochromacy



Original Color
91, 2.982, 219.788

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.063, 199.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 2.982, 219.788 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(223, 231, 233)` looks like.

```
.text, #text, p{  
    color:rgb(223, 231, 233)  
}
```

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(223, 231, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 231, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 2.982, 219.788 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(223, 231, 233) }
```

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

```
.border{ border-color:rgb(223, 231, 233) }
```

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

Here you see how a box with a 4 pixel rgb(223, 231, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 231, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 231, 233);  
box-shadow:4px 4px 4px 4px rgb(223, 231,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 2.982, 219.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 231, 233) }
```

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

```
.background{ background-color: rgb(223,  
231, 233) }
```

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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