

Converting Colors

CIE LCh(91, 2.253, 201.547)

Have a look what the booklet for
CIELCh(91, 2.253, 201.547) contains.

CIELCh(91, 2.174, 213.352)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 2.174, 213.352)

Conversions

Conversions Part 1

Format	Color
Hex	E0E6E7
RGB	224, 230, 231
RGB Percent	88%, 90%, 91%
CMY	0.1202, 0.0966, 0.0927
CMYK	0.03, 0.00, 0.00, 0.09
HSL	189°, 13%, 89%
HSV	189°, 3%, 91%
XYZ	73.7184, 78.4833, 87.1267
YIQ	228.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

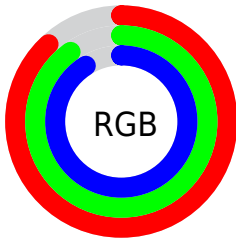
Format	Color
R_{YB}	224, 227, 231
Decimal	14739175
CIE Lab	91.00, -1.82, -1.20
CIE LCh	91, 2.174, 213.352
Yxy	78.4833, 0.3080, 0.3279
Android (android.graphics.Color)	4292929255 (0xFFE0E6E7)
YUV	228.3200, 1.3212, -3.7886
Hunter-Lab	88.5908, -6.5002, 3.7034

Details

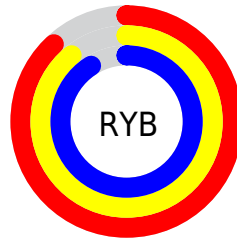
The CIELCh color `91, 2.174, 213.352` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 2.214, 32.755`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 2.229, 199.442` is the 20% darker color. If you saturate the color by 10%, you get `89, 9.120, 213.128`, and if you desaturate by 10%, it is `94, 5.112, 32.934`.

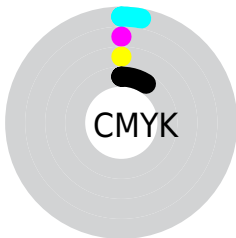
Distribution



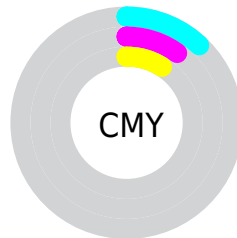
- Red (88%)
- Green (90%)
- Blue (91%)



- 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, 2.174, 213.352 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, 2.174, 213.352 by changing the saturation by 10% instead.

■ 91, 2.174, 213.352

■ 91, 2.174, 213.352

■ 100, 2.174,
213.352

■ 81, 2.174, 213.352

■ 71, 2.174, 213.352

■ 61, 2.174, 213.352

■ 51, 2.174, 213.352

■ 41, 2.174, 213.352

■ 31, 2.174, 213.352

■ 21, 2.174, 213.352

■ 11, 2.174, 213.352

■ 1, 2.174, 213.352

91, 2.174, 213.352

91, 2.174, 213.352

89, 9.120, 213.128

94, 5.112, 32.934

86, 15.622,
213.273

95, 7.126, 43.346

84, 21.570,
213.592

96, 6.996, 59.966

82, 26.846,
214.113

97, 7.451, 75.803

80, 31.337,
214.882

97, 8.393, 88.907

79, 34.951,
215.952

98, 9.677, 98.918

77, 37.631,
217.384

99, 11.184,
106.375

76, 39.378,
219.241

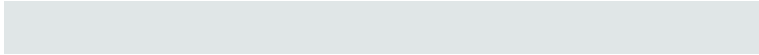
99, 11.967,
109.273

■ 75, 40.271,
221.576

Harmonies

Complementary

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



91, 2.174, 213.352



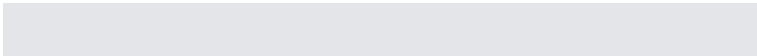
90, 2.214, 32.755

Rectangle

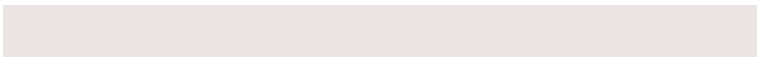
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



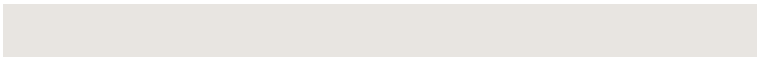
91, 2.174, 213.352



91, 2.174, 263.352



91, 2.174, 33.352



91, 2.174, 83.352

Sweetspot

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



91, 2.175, 213.293



100, 0.782, 213.861



91, 4.030, 148.207



53, 0.445, 213.906



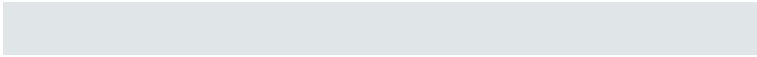
0, 0.000, 0.000



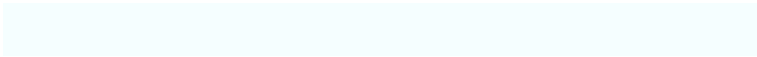
53, 0.007, 296.813

Same Dimension

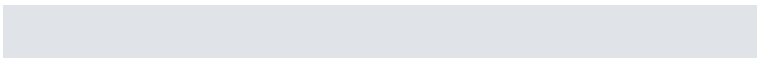
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 2.175, 213.293



99, 3.103, 213.224



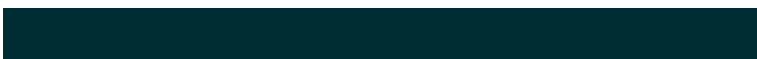
90, 2.469, 268.869



48, 2.019, 213.193



58, 33.411, 222.933



16, 14.146, 218.309

Inverse Universe

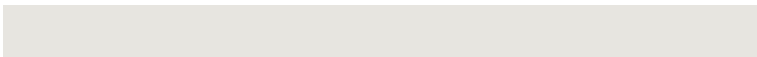
The Inverse Universe completely reimagines the original color for something new.



90, 4.024, 328.693



97, 5.757, 328.772



91, 2.455, 87.870



47, 3.754, 328.823



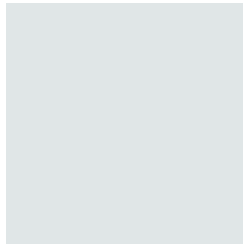
41, 79.131, 334.826



8, 33.774, 333.674

Previews

White Background



This preview shows how the CIELCh color 91, 2.174, 213.352 looks on a white background.

Color Contrast Check

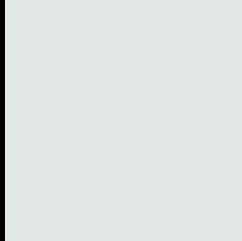
Large Text (above 18pt) WCAG AA × Fail

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, 2.174, 213.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

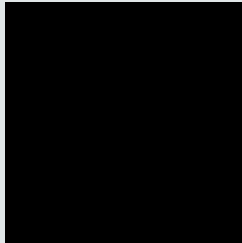
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

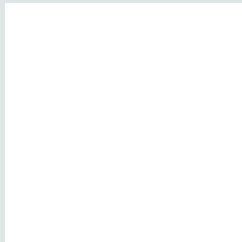
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 2.174, 213.352

Background



This preview shows how black text looks on a background with the CIELCh color 91, 2.174, 213.352.

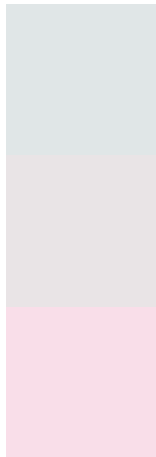


This preview shows how white text looks on a background with the CIELCh color 91, 2.174, 213.352.

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, 2.174, 213.352

Protanopia

91, 2.079, 349.366

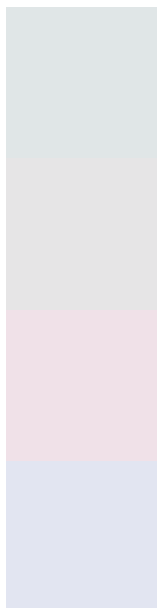
Deuteranopia

91, 11.276, 349.913



Tritanopia
91, 9.342, 288.820

Trichromacy



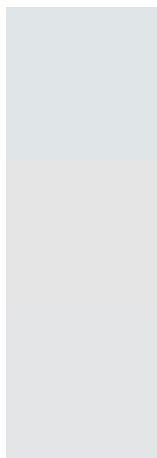
Original Color
91, 2.174, 213.352

Protanomaly
91, 0.642, 324.020

Deuteranomaly
91, 6.506, 345.947

Tritanomaly
91, 6.295, 281.162

Monochromacy



Original Color
91, 2.174, 213.352

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 0.877, 236.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 2.174, 213.352 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(224, 230, 231)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 230, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 2.174, 213.352 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(224, 230, 231) }
```

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

```
.border{ border-color:rgb(224, 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(224, 230, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(224, 230,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 2.174, 213.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 230, 231) }
```

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

```
.background{ background-color: rgb(224,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor