

Converting Colors

CIE LCh(91, 6.630, 230.299)

Have a look what the booklet for
CIELCh(91, 6.630, 230.299) contains.

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Color

CIELCh(91, 6.826, 231.339)

Conversions

Conversions Part 1

Format	Color
Hex	D7E8EF
RGB	215, 232, 239
RGB Percent	84%, 91%, 94%
CMY	0.1564, 0.0897, 0.0623
CMYK	0.10, 0.03, 0.00, 0.06
HSL	197°, 43%, 89%
HSV	197°, 10%, 94%
XYZ	72.5460, 78.4833, 93.0780
YIQ	227.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

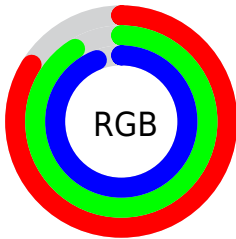
Format	Color
R _Y B	215, 225, 239
Decimal	14149871
CIE Lab	91.00, -4.26, -5.33
CIE LCh	91, 6.826, 231.339
Yxy	78.4833, 0.2972, 0.3215
Android (android.graphics.Color)	4292339951 (0xFFD7E8EF)
YUV	227.7150, 5.5635, -11.1511
Hunter-Lab	88.5908, -8.8623, -0.2795

Details

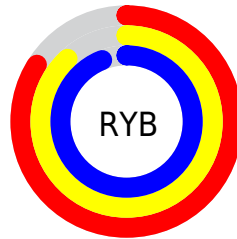
The CIELCh color `91, 6.826, 231.339` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 7.215, 49.812`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 6.838, 233.159` is the 20% darker color. If you saturate the color by 10%, you get `88, 13.306, 232.213`, and if you desaturate by 10%, it is `94, 0.032, 249.208`.

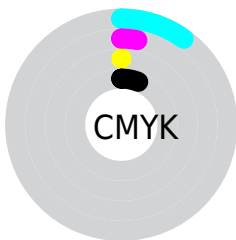
Distribution



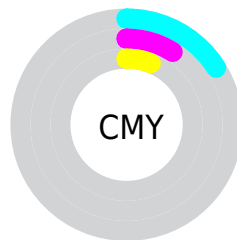
- Red (84%)
- Green (91%)
- Blue (94%)



- Red (84%)
- Yellow (88%)
- Blue (94%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.826, 231.339 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, 6.826, 231.339 by changing the saturation by 10% instead.

91, 6.826, 231.339

91, 6.826, 231.339

100, 6.826,
231.339

81, 6.826, 231.339

71, 6.826, 231.339

61, 6.826, 231.339

51, 6.826, 231.339

41, 6.826, 231.339

31, 6.826, 231.339

21, 6.826, 231.339

11, 6.826, 231.339

1, 6.826, 231.339

91, 6.826, 231.339

91, 6.826, 231.339

88, 13.306,
232.213

94, 0.032, 249.208

84, 19.390,
233.396

97, 4.745, 67.543

99, 7.081, 103.944

81, 24.991,
234.916

100, 8.039,
109.566

78, 30.029,
236.853

75, 34.439,
239.295

73, 38.198,
242.339

70, 41.341,
246.059

68, 43.986,
250.480

■ 66, 46.371,
255.419

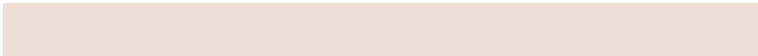
Harmonies

Complementary

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



91, 6.826, 231.339



90, 7.215, 49.812

Rectangle

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



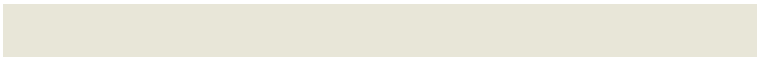
91, 6.826, 231.339



91, 6.826, 281.339



91, 6.826, 51.339



91, 6.826, 101.339

Sweetspot

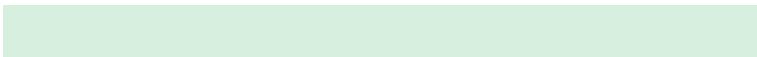
The Sweet Spot groups the original color and five complimentary colors.



91, 6.826, 231.321



99, 2.183, 230.986



92, 12.392, 152.948



53, 1.652, 230.983



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, 6.826, 231.321



96, 8.559, 231.476



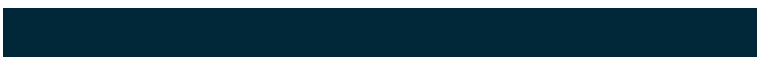
88, 9.949, 280.631



48, 3.877, 231.280



51, 37.755, 254.494



14, 15.621, 246.437

Inverse Universe

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



88, 12.379, 334.600



92, 15.615, 334.747



93, 9.843, 98.205



47, 7.019, 334.559



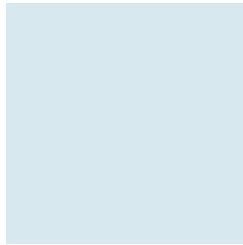
41, 72.525, 344.255



9, 32.536, 341.421

Previews

White Background



This preview shows how the CIELCh color 91, 6.826, 231.339 looks on a white background.

Color Contrast Check

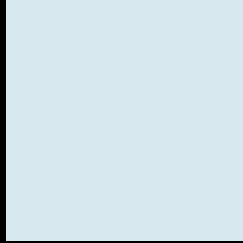
Large Text (above 18pt) WCAG AA × Fail

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, 6.826, 231.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

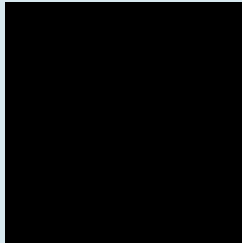
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

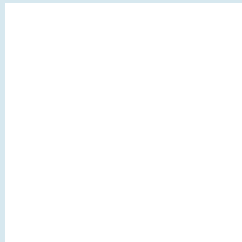
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.826, 231.339

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.826, 231.339.



This preview shows how white text looks on a background with the CIELCh color 91, 6.826, 231.339.

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](#).

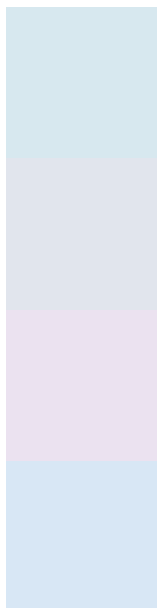
Dichromacy





Tritanopia
91, 10.368, 263.689

Trichromacy



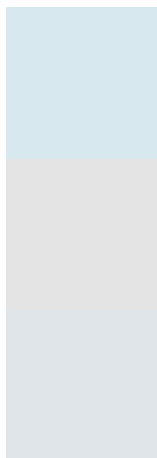
Original Color
91, 6.826, 231.339

Protanomaly
91, 4.361, 271.830

Deuteranomaly
91, 7.966, 314.115

Tritanomaly
91, 8.786, 255.139

Monochromacy



Original Color
91, 6.826, 231.339

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.607, 236.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.826, 231.339 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(215, 232, 239)` looks like.

```
.text, #text, p{  
    color:rgb(215, 232, 239)  
}
```

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(215, 232, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 232, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.826, 231.339 is called "border". The border property can be set on classes, ids or directly on the HTML element.

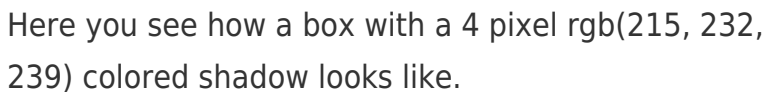
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 232, 239) }
```

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

```
.border{ border-color:rgb(215, 232, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 232, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 232, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 232, 239); box-shadow:4px 4px 4px 4px rgb(215, 232, 239) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.826, 231.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 232, 239) }
```

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

```
.background{ background-color: rgb(215,  
232, 239) }
```

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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