

Converting Colors

CIELCh(91, 6.905, 223.950)

Have a look what the booklet for
CIELCh(91, 6.905, 223.950) contains.

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Color

CIELCh(91, 6.885, 226.041)

Conversions

Conversions Part 1

Format	Color
Hex	D6E8EE
RGB	214, 232, 238
RGB Percent	84%, 91%, 93%
CMY	0.1593, 0.0886, 0.0651
CMYK	0.10, 0.03, 0.00, 0.07
HSL	195°, 42%, 89%
HSV	195°, 10%, 93%
XYZ	72.3010, 78.4833, 92.5288
YIQ	227.3020, -12.6540, -1.9500

Conversions

Conversions Part 2

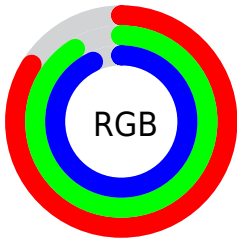
Format	Color
R _Y B	214, 224, 238
Decimal	14084334
CIE Lab	91.00, -4.78, -4.96
CIE LCh	91, 6.885, 226.041
Yxy	78.4833, 0.2972, 0.3226
Android (android.graphics.Color)	4292274414 (0xFFD6E8EE)
YUV	227.3020, 5.2741, -11.6659
Hunter-Lab	88.5908, -9.3559, 0.0880

Details

The CIELCh color `91, 6.885, 226.041` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 7.310, 44.893`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 6.880, 227.562` is the 20% darker color. If you saturate the color by 10%, you get `88, 13.367, 226.699`, and if you desaturate by 10%, it is `94, 0.053, 236.810`.

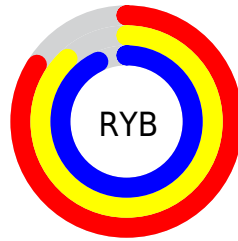
Distribution



Red (84%)

Green (91%)

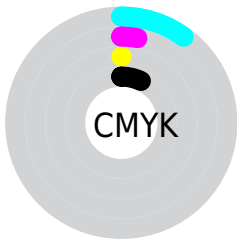
Blue (93%)



Red (84%)

Yellow (88%)

Blue (93%)

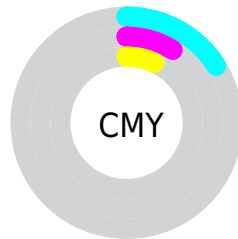


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (16%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.885, 226.041 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, 6.885, 226.041 by changing the saturation by 10% instead.

91, 6.885, 226.041

91, 6.885, 226.041

100, 6.885,
226.041

81, 6.885, 226.041

71, 6.885, 226.041

61, 6.885, 226.041

51, 6.885, 226.041

41, 6.885, 226.041

31, 6.885, 226.041

21, 6.885, 226.041

11, 6.885, 226.041

1, 6.885, 226.041

91, 6.885, 226.041

91, 6.885, 226.041

88, 13.367,
226.699

94, 0.053, 236.810

85, 19.406,
227.639

97, 4.853, 57.839

98, 6.247, 93.960

82, 24.906,
228.883

100, 8.407,
109.539

79, 29.773,
230.503

77, 33.930,
232.586

74, 37.334,
235.228

72, 40.003,
238.516

70, 42.037,
242.504

■ 68, 43.669,
247.049

Harmonies

Complementary

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



91, 6.885, 226.041



89, 7.310, 44.893

Rectangle

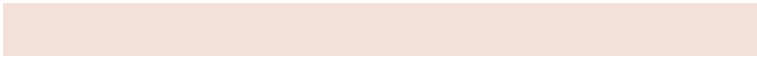
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



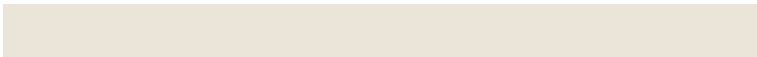
91, 6.885, 226.041



91, 6.885, 276.041



91, 6.885, 46.041



91, 6.885, 96.041

Sweetspot

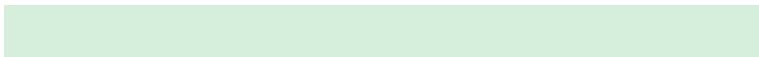
The Sweet Spot groups the original color and five complimentary colors.



91, 6.885, 226.023



99, 2.203, 225.829



92, 12.866, 151.070



53, 1.667, 225.809



0, 0.000, 0.000



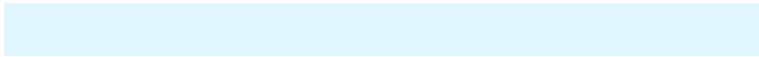
53, 0.007, 296.813

Same Dimension

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



91, 6.885, 226.023



96, 8.624, 226.135



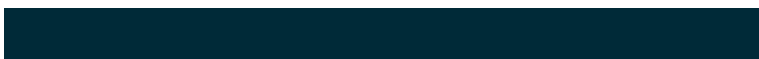
88, 9.413, 277.397



49, 3.908, 225.992



54, 35.737, 246.194



15, 15.120, 238.838

Inverse Universe

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



88, 12.763, 332.965



92, 16.085, 333.103



92, 9.353, 94.864



47, 7.231, 332.924



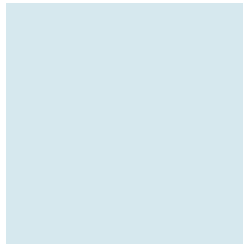
41, 74.593, 341.342



9, 33.382, 339.088

Previews

White Background



This preview shows how the CIELCh color 91, 6.885, 226.041 looks on a white background.

Color Contrast Check

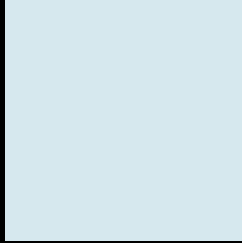
Large Text (above 18pt) WCAG AA × Fail

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, 6.885, 226.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

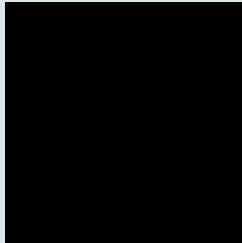
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

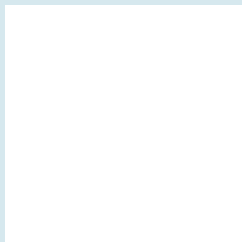
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.885, 226.041

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.885, 226.041.

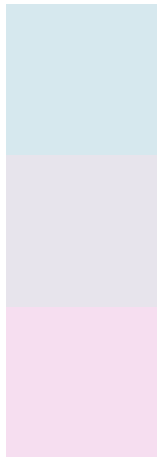


This preview shows how white text looks on a background with the CIELCh color 91, 6.885, 226.041.

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, 6.885, 226.041

Protanopia

91, 4.303, 304.741

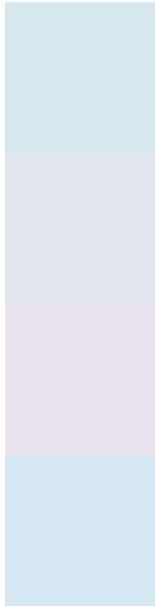
Deuteranopia

91, 12.681, 332.949



Tritanopia
91, 10.517, 262.052

Trichromacy



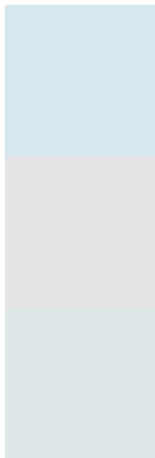
Original Color
91, 6.885, 226.041

Protanomaly
91, 4.005, 264.615

Deuteranomaly
91, 7.494, 315.689

Tritanomaly
91, 8.783, 249.443

Monochromacy



Original Color
91, 6.885, 226.041

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.660, 222.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.885, 226.041 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(214, 232, 238)` looks like.

```
.text, #text, p{  
    color:rgb(214, 232, 238)  
}
```

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(214, 232, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 232, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.885, 226.041 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(214, 232, 238) }
```

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

```
.border{ border-color:rgb(214, 232, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 232, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 232, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 232, 238);  
box-shadow:4px 4px 4px 4px rgb(214, 232,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.885, 226.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 232, 238) }
```

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

```
.background{ background-color: rgb(214,  
232, 238) }
```

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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