

Converting Colors

CIELCh(90, 6.551, 146.779)

Have a look what the booklet for
CIELCh(90, 6.551, 146.779) contains.

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Color

CIELCh(90, 6.551, 146.763)

Conversions

Conversions Part 1

Format	Color
Hex	DAE5DB
RGB	218, 229, 219
RGB Percent	85%, 90%, 86%
CMY	0.1438, 0.1007, 0.1399
CMYK	0.05, 0.00, 0.04, 0.10
HSL	125°, 18%, 88%
HSV	125°, 5%, 90%
XYZ	69.9460, 76.3034, 78.2801
YIQ	224.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

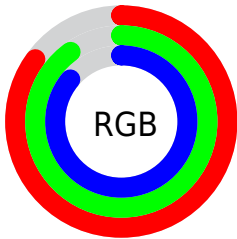
Format	Color
RYB	218, 228, 229
Decimal	14345691
CIELab	90.00, -5.48, 3.59
CIElCh	90, 6.551, 146.763
Yxy	76.3034, 0.3115, 0.3398
Android (android.graphics.Color)	4292535771 (0xFFDAE5DB)
YUV	224.5710, -2.7465, -5.7628
Hunter-Lab	87.3518, -9.9337, 8.0137

Details

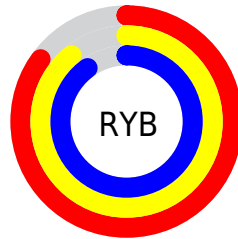
The CIELCh color `90, 6.551, 146.763` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88, 6.574, 327.227`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 6.905, 146.665` is the 20% darker color. If you saturate the color by 10%, you get `88, 20.348, 146.066`, and if you desaturate by 10%, it is `92, 7.055, 327.237`.

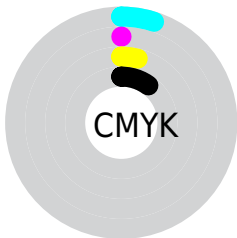
Distribution



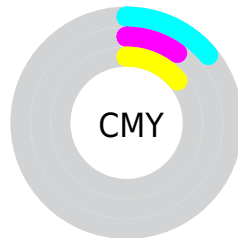
- Red (85%)
- Green (90%)
- Blue (86%)



- Red (85%)
- Yellow (89%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 6.551, 146.763 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 90, 6.551, 146.763 by changing the saturation by 10% instead.

90, 6.551, 146.763

90, 6.551, 146.763

100, 6.551,
146.763

80, 6.551, 146.763

70, 6.551, 146.763

60, 6.551, 146.763

50, 6.551, 146.763

40, 6.551, 146.763

30, 6.551, 146.763

20, 6.551, 146.763

10, 6.551, 146.763

0, 6.551, 146.763

90, 6.551, 146.763

90, 6.551, 146.763

88, 20.348,
146.066

92, 7.055, 327.237

86, 34.171,
145.282

94, 16.042,
324.979

85, 47.808,
144.371


83, 60.987,
143.323

82, 73.375,
142.137

81, 84.589,
140.840

81, 94.208,
139.491

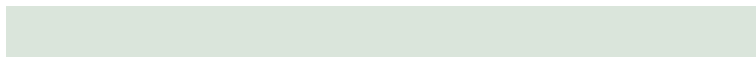
80, 101.804,
138.194

 80,107.021,
137.086

Harmonies

Complementary

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



90, 6.551, 146.763



88, 6.574, 327.227

Rectangle

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



90, 6.551, 146.763



90, 6.551, 196.763



90, 6.551, 326.763



90, 6.551, 16.763

Sweetspot

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



90, 6.553, 146.762



100, 1.475, 147.168



91, 5.697, 113.050



53, 0.838, 147.183



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 6.553, 146.762



99, 8.939, 146.676



90, 4.602, 168.086



47, 5.441, 146.636



63, 89.858, 136.829



17, 35.104, 140.418

Inverse Universe

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



88, 6.574, 327.227



96, 8.962, 327.307



88, 4.653, 348.719



46, 5.454, 327.344



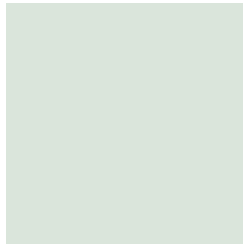
41, 82.356, 332.206



8, 34.941, 331.541

Previews

White Background



This preview shows how the CIELCh color 90, 6.551, 146.763 looks on a white background.

Color Contrast Check

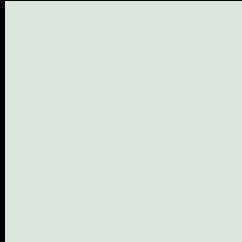
Large Text (above 18pt) WCAG AA × Fail

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 90, 6.551, 146.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

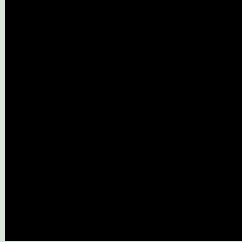
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

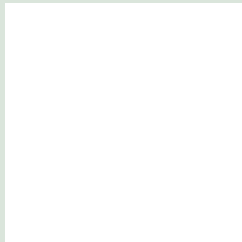
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 6.551, 146.763

Background



This preview shows how black text looks on a background with the CIELCh color 90, 6.551, 146.763.

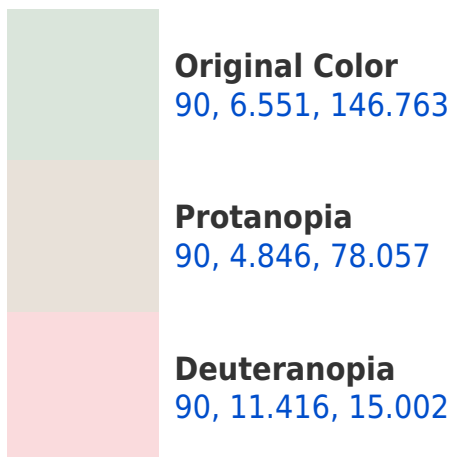


This preview shows how white text looks on a background with the CIELCh color 90, 6.551, 146.763.

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
90, 9.434, 282.559

Trichromacy



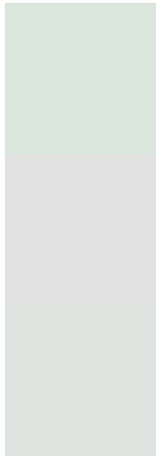
Original Color
90, 6.551, 146.763

Protanomaly
90, 4.655, 109.783

Deuteranomaly
90, 5.672, 35.545

Tritanomaly
90, 4.627, 263.591

Monochromacy



Original Color
90, 6.551, 146.763

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.528, 144.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 6.551, 146.763 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(218, 229, 219)` looks like.

```
.text, #text, p{  
    color:rgb(218, 229, 219)  
}
```

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(218, 229, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 229, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 6.551, 146.763 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(218, 229, 219) }
```

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

```
.border{ border-color:rgb(218, 229, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 229, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 229, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 229, 219);  
box-shadow:4px 4px 4px 4px rgb(218, 229,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 6.551, 146.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 229, 219) }
```

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

```
.background{ background-color: rgb(218,  
229, 219) }
```

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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