

Converting Colors

CIELCh(90, 6.513, 210.309)

Have a look what the booklet for
CIELCh(90, 6.513, 210.309) contains.

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Color

CIELCh(90, 6.666, 208.045)

Conversions

Conversions Part 1

Format	Color
Hex	D3E6E8
RGB	211, 230, 232
RGB Percent	83%, 90%, 91%
CMY	0.1724, 0.0978, 0.0900
CMYK	0.09, 0.01, 0.00, 0.09
HSL	186°, 31%, 87%
HSV	186°, 9%, 91%
XYZ	69.7584, 76.3034, 87.4294
YIQ	224.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

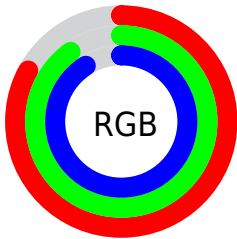
Format	Color
R _Y B	211, 221, 232
Decimal	13887208
CIE Lab	90.00, -5.88, -3.13
CIE LCh	90, 6.666, 208.045
Yxy	76.3034, 0.2988, 0.3268
Android (android.graphics.Color)	4292077288 (0xFFD3E6E8)
YUV	224.5470, 3.6743, -11.8807
Hunter-Lab	87.3518, -10.3171, 1.8036

Details

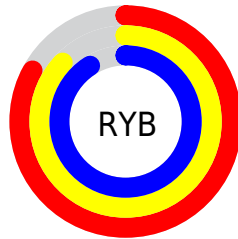
The CIELCh color `90, 6.666, 208.045` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87, 7.070, 28.281`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 6.928, 203.450` is the 20% darker color. If you saturate the color by 10%, you get `88, 13.628, 207.867`, and if you desaturate by 10%, it is `92, 0.716, 27.264`.

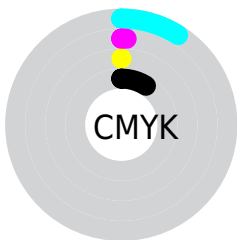
Distribution



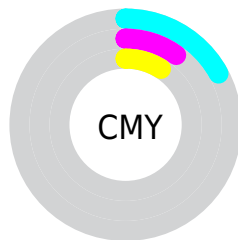
- Red (83%)
- Green (90%)
- Blue (91%)



- Red (83%)
- Yellow (87%)
- Blue (91%)



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



- Cyan (17%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 6.666, 208.045 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, 6.666, 208.045 by changing the saturation by 10% instead.

■ 90, 6.666, 208.045

■ 90, 6.666, 208.045

■ 100, 6.666,
208.045

■ 80, 6.666, 208.045

■ 70, 6.666, 208.045

■ 60, 6.666, 208.045

■ 50, 6.666, 208.045

■ 40, 6.666, 208.045

■ 30, 6.666, 208.045

■ 20, 6.666, 208.045

■ 10, 6.666, 208.045

■ 0, 6.666, 208.045

90, 6.666, 208.045

90, 6.666, 208.045

88, 13.628,
207.867

92, 0.716, 27.264

86, 20.050,
207.844

94, 7.525, 29.267

84, 25.811,
207.962

95, 7.030, 39.367

83, 30.788,
208.246

95, 6.783, 50.577

81, 34.873,
208.727

96, 6.811, 62.138

80, 37.990,
209.443

97, 7.109, 73.143

79, 40.112,
210.430

97, 7.645, 82.914

78, 41.277,
211.724

98, 8.371, 91.180

98, 9.243, 97.988

■ 77, 41.653,
213.326

Harmonies

Complementary

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



90, 6.666, 208.045



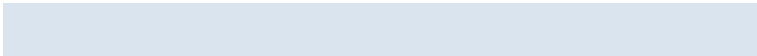
87, 7.070, 28.281

Rectangle

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



90, 6.666, 208.045



90, 6.666, 258.045



90, 6.666, 28.045



90, 6.666, 78.045

Sweetspot

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



90, 6.667, 208.028



99, 2.422, 208.321



90, 12.587, 146.247



53, 1.832, 208.247



0, 0.000, 0.000



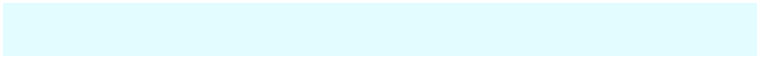
53, 0.007, 296.813

Same Dimension

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



90, 6.667, 208.028



97, 8.700, 207.981



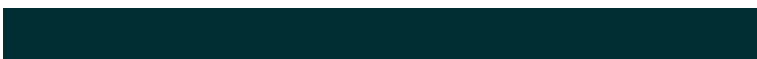
87, 7.037, 265.132



47, 4.142, 208.018



61, 34.290, 213.161



17, 14.576, 210.298

Inverse Universe

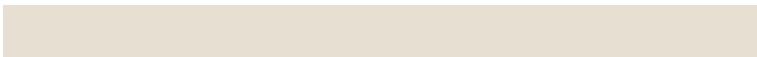
The Inverse Universe completely reimagines the original color for something new.



87, 12.509, 327.621



93, 16.432, 327.742



89, 7.105, 82.676



45, 7.782, 327.645



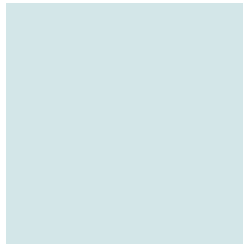
41, 82.088, 332.408



8, 34.844, 331.707

Previews

White Background



This preview shows how the CIELCh color 90, 6.666, 208.045 looks on a white background.

Color Contrast Check

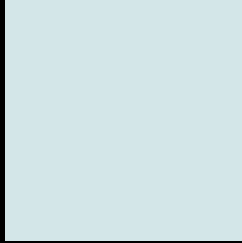
Large Text (above 18pt) WCAG AA × Fail

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, 6.666, 208.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

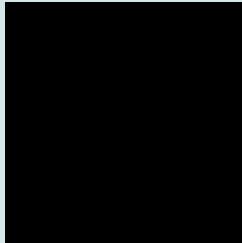
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

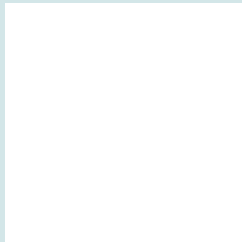
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 6.666, 208.045

Background



This preview shows how black text looks on a background with the CIELCh color 90, 6.666, 208.045.

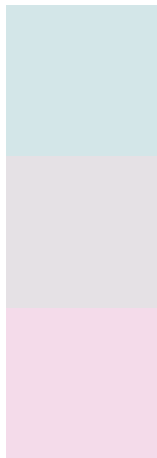


This preview shows how white text looks on a background with the CIELCh color 90, 6.666, 208.045.

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](#).

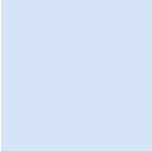
Dichromacy



Original Color
90, 6.666, 208.045

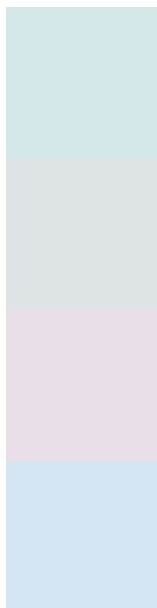
Protanopia
90, 2.543, 324.426

Deuteranopia
90, 11.897, 339.379



Tritanopia
90, 10.541, 262.075

Trichromacy



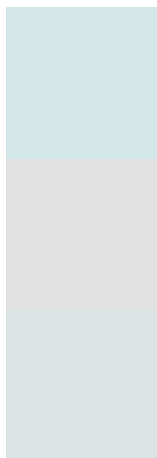
Original Color
90, 6.666, 208.045

Protanomaly
90, 2.340, 241.406

Deuteranomaly
90, 6.141, 321.880

Tritanomaly
90, 8.428, 247.042

Monochromacy



Original Color
90, 6.666, 208.045

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.521, 211.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 6.666, 208.045 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(211, 230, 232)` looks like.

```
.text, #text, p{  
    color:rgb(211, 230, 232)  
}
```

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(211, 230, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 230, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 6.666, 208.045 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(211, 230, 232) }
```

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

```
.border{ border-color:rgb(211, 230, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 230, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 230, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 230, 232);  
box-shadow:4px 4px 4px 4px rgb(211, 230,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 6.666, 208.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 230, 232) }
```

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

```
.background{ background-color: rgb(211,  
230, 232) }
```

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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