

Converting Colors

CIELCh(75, 12.085, 186.530)

Have a look what the booklet for
CIELCh(75, 12.085, 186.530)
contains.

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Color

CIELCh(75, 11.996, 188.087)

Conversions

Conversions Part 1

Format	Color
Hex	9EBFBB
RGB	158, 191, 187
RGB Percent	62%, 75%, 73%
CMY	0.3793, 0.2499, 0.2656
CMYK	0.17, 0.00, 0.02, 0.25
HSL	173°, 21%, 69%
HSV	173°, 17%, 75%
XYZ	41.8436, 48.2781, 54.2812
YIQ	180.6770, -18.3840, -8.2400

Conversions

Conversions Part 2

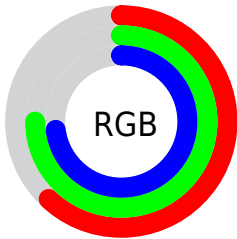
Format	Color
RYB	158, 176, 191
Decimal	10403771
CIELab	75.00, -11.88, -1.69
CIELCh	75, 11.996, 188.087
Yxy	48.2781, 0.2898, 0.3343
Android (android.graphics.Color)	4288593851 (0xFF9EBFBB)
YUV	180.6770, 3.1172, -19.8877
Hunter-Lab	69.4824, -14.0983, 2.3191

Details

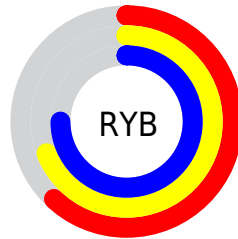
The CIELCh color **75, 11.996, 188.087** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 13.066, 10.982**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 11.844, 188.660**, and **55, 12.215, 187.320** is the 20% darker color. If you saturate the color by 10%, you get **74, 18.481, 187.235**, and if you desaturate by 10%, it is **76, 5.142, 188.948**.

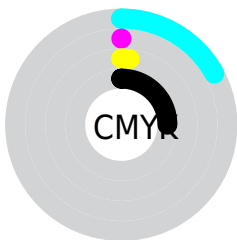
Distribution



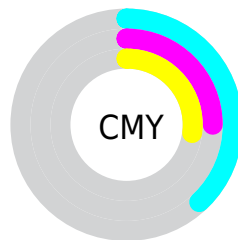
- Red (62%)
- Green (75%)
- Blue (73%)



- Red (62%)
- Yellow (69%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)





- Cyan (38%)
- Magenta (25%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 11.996, 188.087 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 75, 11.996, 188.087 by changing the saturation by 10% instead.


 75, 11.996,
188.087


 75, 11.996,
188.087


 100, 11.996,
188.087


 65, 11.996,
188.087


 95, 11.996,
188.087

 55, 11.996,
188.087

 45, 11.996,
188.087

 35, 11.996,
188.087

 25, 11.996,
188.087

 15, 11.996,
188.087

 5, 11.996, 188.087

0, 11.996, 188.087

75, 11.996,
188.087

75, 11.996,
188.087

74, 18.481,
187.235

76, 5.142, 188.948

73, 24.477,
186.371

78, 1.976, 9.380

80, 9.265, 10.363

72, 29.868,
185.474

81, 16.646, 11.151

71, 34.546,
184.530

83, 24.058, 11.909

83, 24.588, 9.304

71, 38.425,
183.523

83, 24.764, 6.531

70, 41.459,
182.432

83, 25.001, 3.805

■ 70, 43.655,
181.239

■ 84, 25.297, 1.140

■ 70, 45.109,
179.936

■ 70, 45.457,
179.576

Harmonies

Complementary

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



75, 11.996, 188.087



68, 13.066, 10.982

Rectangle

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



75, 11.996, 188.087



75, 11.996, 238.087



75, 11.996, 8.087



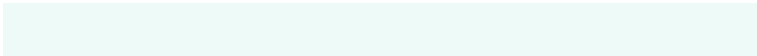
75, 11.996, 58.087

Sweetspot

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



75, 11.997, 188.081



97, 4.417, 189.164



75, 20.895, 139.875



52, 3.010, 189.090



99, 0.012, 296.813



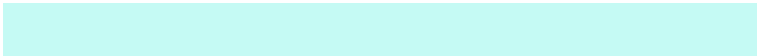
52, 0.007, 296.813

Same Dimension

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



75, 11.997, 188.081



95, 17.968, 187.737



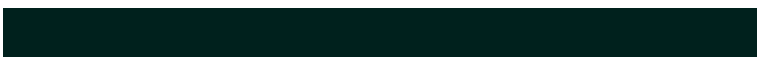
72, 9.742, 241.749



40, 4.046, 188.755



59, 39.872, 179.767



10, 13.464, 183.362

Inverse Universe

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



68, 13.066, 10.982



84, 19.999, 11.449



71, 10.570, 58.238



38, 4.234, 10.158



33, 68.873, 34.154



3, 14.115, 12.808

Previews

White Background



This preview shows how the CIELCh color 75, 11.996, 188.087 looks on a white background.

Color Contrast Check

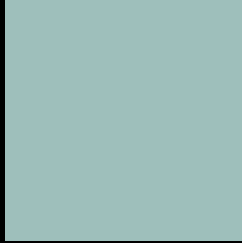
Large Text (above 18pt) WCAG AA × Fail

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 75, 11.996, 188.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

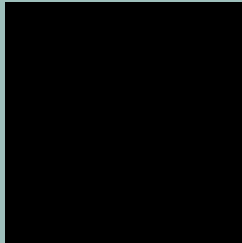
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

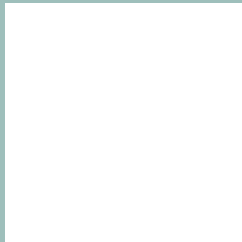
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 11.996, 188.087

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.996, 188.087.



This preview shows how white text looks on a background with the CIELCh color 75, 11.996, 188.087.

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
75, 11.996, 188.087

Protanopia
75, 1.867, 19.282

Deuteranopia
75, 9.548, 341.810



Tritanopia
75, 12.373, 239.928

Trichromacy



Original Color
75, 11.996, 188.087

Protanomaly
75, 3.354, 190.021

Deuteranomaly
75, 3.275, 296.933

Tritanomaly
75, 11.176, 221.537

Monochromacy



Original Color
75, 11.996, 188.087

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.549, 185.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 11.996, 188.087 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(158, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(158, 191, 187)  
}
```

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(158, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 191, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 11.996, 188.087 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(158, 191, 187) }
```

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

```
.border{ border-color:rgb(158, 191, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 191, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 191, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 191, 187); box-shadow:4px 4px 4px 4px rgb(158, 191, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 11.996, 188.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 191, 187) }
```

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

```
.background{ background-color: rgb(158,  
191, 187) }
```

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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