

Converting Colors

CIELCh(75, 11.790, 198.263)

Have a look what the booklet for
CIELCh(75, 11.790, 198.263)
contains.

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Color

CIELCh(75, 11.637, 198.542)

Conversions

Conversions Part 1

Format	Color
Hex	9EBFBF
RGB	158, 191, 191
RGB Percent	62%, 75%, 75%
CMY	0.3805, 0.2511, 0.2511
CMYK	0.17, 0.00, 0.00, 0.25
HSL	180°, 20%, 68%
HSV	180°, 17%, 75%
XYZ	42.1227, 48.2781, 56.3746
YIQ	181.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

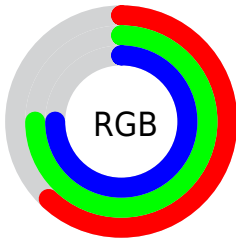
Format	Color
RYB	158, 175, 191
Decimal	10403775
CIELab	75.00, -11.03, -3.70
CIELCh	75, 11.637, 198.542
Yxy	48.2781, 0.2870, 0.3289
Android (android.graphics.Color)	4288593855 (0xFF9EBFBF)
YUV	181.1330, 4.8644, -20.2876
Hunter-Lab	69.4824, -13.3814, 0.5328

Details

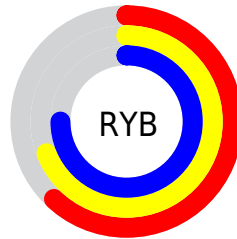
The CIELCh color **75, 11.637, 198.542** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 13.009, 20.565**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 11.534, 198.717**, and **55, 11.780, 198.276** is the 20% darker color. If you saturate the color by 10%, you get **74, 17.770, 198.050**, and if you desaturate by 10%, it is **76, 5.037, 199.108**.

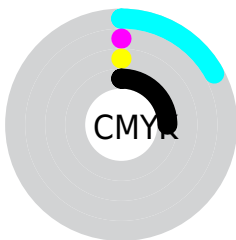
Distribution



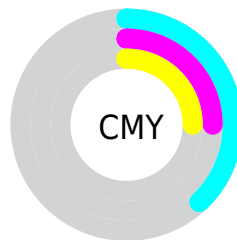
- Red (62%)
- Green (75%)
- Blue (75%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 11.637, 198.542 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, 11.637, 198.542 by changing the saturation by 10% instead.


 75, 11.637,
198.542


 75, 11.637,
198.542


 100, 11.637,
198.542


 65, 11.637,
198.542


 95, 11.637,
198.542

 55, 11.637,
198.542

 45, 11.637,
198.542

 35, 11.637,
198.542

 25, 11.637,
198.542

 15, 11.637,
198.542

 5, 11.637, 198.542

0, 11.637, 198.542

75, 11.637,
198.542

75, 11.637,
198.542

74, 17.770,
198.050

76, 5.037, 199.108

78, 1.925, 19.275

73, 23.322,
197.624

79, 9.150, 20.072

72, 28.185,
197.259

81, 16.555, 20.697

71, 32.267,
196.958

83, 24.069, 21.320

83, 24.675, 21.369

71, 35.502,
196.723

83, 24.675, 21.367

71, 37.865,
196.552

83, 24.674, 21.365

■ 70, 39.383,
196.443

■ 83, 24.674, 21.364

■ 70, 40.164,
196.386

■ 70, 40.325,
196.375

Harmonies

Complementary

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



75, 11.637, 198.542



68, 13.009, 20.565

Rectangle

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



75, 11.637, 198.542



75, 11.637, 248.542



75, 11.637, 18.542



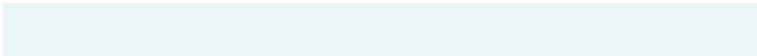
75, 11.637, 68.542

Sweetspot

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



75, 11.638, 198.535



96, 4.290, 199.271



74, 21.700, 142.957



52, 2.946, 199.215



99, 0.012, 296.813



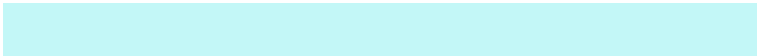
52, 0.007, 296.813

Same Dimension

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



75, 11.638, 198.535



94, 17.229, 198.331



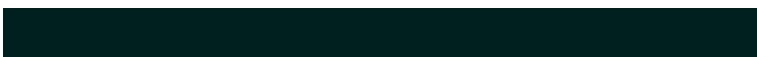
71, 10.444, 255.981



39, 3.863, 198.976



59, 35.062, 196.375



9, 11.663, 196.730

Inverse Universe

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



68, 13.009, 20.565



83, 19.814, 20.940



72, 10.969, 71.497



37, 4.096, 19.912



32, 72.800, 39.661



3, 12.251, 19.400

Previews

White Background



This preview shows how the CIELCh color 75, 11.637, 198.542 looks on a white background.

Color Contrast Check

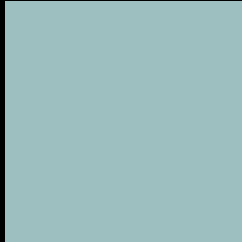
Large Text (above 18pt) WCAG AA × Fail

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, 11.637, 198.542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

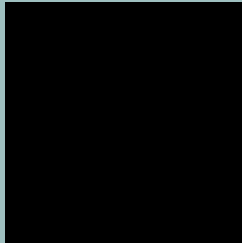
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 11.637, 198.542

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.637, 198.542.

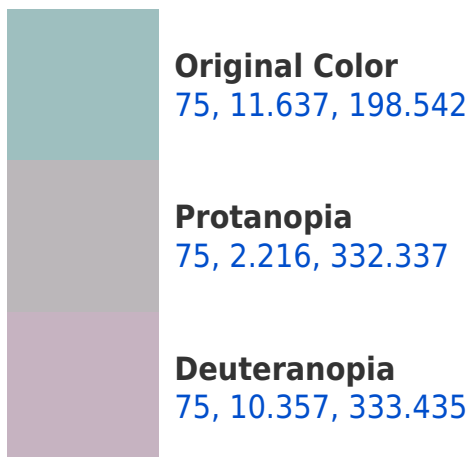


This preview shows how white text looks on a background with the CIELCh color 75, 11.637, 198.542.

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](#).

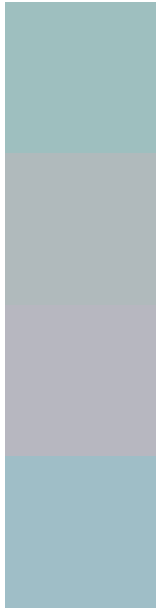
Dichromacy





Tritanopia
75, 12.621, 238.944

Trichromacy



Original Color
75, 11.637, 198.542

Protanomaly
75, 3.780, 215.891

Deuteranomaly
75, 4.870, 290.651

Tritanomaly
75, 11.654, 223.446

Monochromacy



Original Color
75, 11.637, 198.542

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.382, 199.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 11.637, 198.542 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, 191)` looks like.

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

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, 191) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 75, 11.637, 198.542 is called "border". The border property can be set on classes, ids or directly on the HTML element.

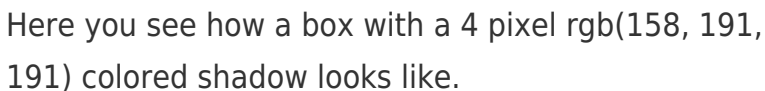
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 191, 191) }
```

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

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

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, 191)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 75, 11.637, 198.542 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, 191) }
```

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

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

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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