

Converting Colors

CIELCh(75, 11.361, 203.837)

Have a look what the booklet for
CIELCh(75, 11.361, 203.837)
contains.

CIELCh(75, 11.603, 203.925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 11.603, 203.925)

Conversions

Conversions Part 1

Format	Color
Hex	9EBFC1
RGB	158, 191, 193
RGB Percent	62%, 75%, 76%
CMY	0.3811, 0.2517, 0.2438
CMYK	0.18, 0.01, 0.00, 0.24
HSL	183°, 22%, 69%
HSV	183°, 18%, 76%
XYZ	42.2643, 48.2781, 57.4395
YIQ	181.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

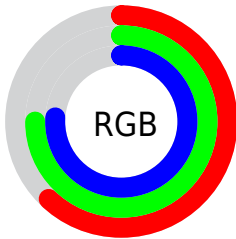
Format	Color
R _Y B	158, 175, 193
Decimal	10403777
CIE Lab	75.00, -10.61, -4.71
CIE LCh	75, 11.603, 203.925
Yxy	48.2781, 0.2856, 0.3262
Android (android.graphics.Color)	4288593857 (0xFF9EBFC1)
YUV	181.3610, 5.7380, -20.4876
Hunter-Lab	69.4824, -13.0174, -0.3759

Details

The CIELCh color **75, 11.603, 203.925** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 13.089, 25.305**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 11.513, 203.870**, and **55, 11.722, 203.959** is the 20% darker color. If you saturate the color by 10%, you get **74, 17.386, 203.689**, and if you desaturate by 10%, it is **77, 5.359, 204.261**.

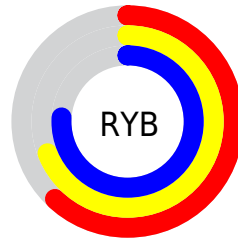
Distribution



Red (62%)

Green (75%)

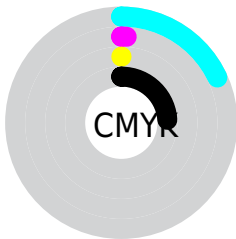
Blue (76%)



Red (62%)

Yellow (69%)

Blue (76%)

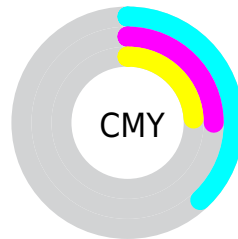


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (24%)



Cyan (38%)


Magenta (25%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 11.603, 203.925 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, 11.603, 203.925 by changing the saturation by 10% instead.


 75, 11.603,
203.925


 75, 11.603,
203.925


 100, 11.603,
203.925


 65, 11.603,
203.925


 95, 11.603,
203.925

 55, 11.603,
203.925

 45, 11.603,
203.925

 35, 11.603,
203.925

 25, 11.603,
203.925

 15, 11.603,
203.925

 5, 11.603, 203.925

0, 11.603, 203.925

75, 11.603,
203.925

75, 11.603,
203.925

74, 17.386,
203.689

77, 5.359, 204.261

72, 22.598,
203.562

78, 1.246, 24.076

71, 27.135,
203.549

80, 8.120, 24.841

70, 30.902,
203.670

82, 15.185, 25.305

69, 33.831,
203.943

84, 22.377, 25.774

69, 35.894,
204.387

85, 22.324, 27.226

85, 21.988, 28.766

85, 21.668, 30.352

■ 68, 37.113,
205.018

■ 85, 21.367, 31.986

■ 68, 37.615,
205.832

■ 67, 37.681,
205.989

Harmonies

Complementary

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



75, 11.603, 203.925



69, 13.089, 25.305

Rectangle

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



75, 11.603, 203.925



75, 11.603, 253.925



75, 11.603, 23.925



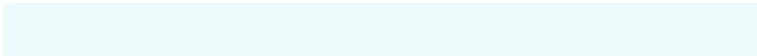
75, 11.603, 73.925

Sweetspot

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



75, 11.604, 203.918



97, 4.089, 204.423



75, 22.327, 144.660



52, 2.785, 204.380



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, 11.604, 203.918



94, 17.126, 203.810



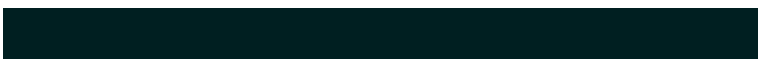
70, 11.747, 263.243



40, 3.732, 204.210



57, 32.943, 205.850



10, 11.671, 203.628

Inverse Universe

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



69, 22.245, 327.015



85, 33.305, 327.253



73, 12.135, 78.315



38, 6.950, 326.509



37, 78.262, 330.614



4, 22.969, 328.308

Previews

White Background



This preview shows how the CIELCh color 75, 11.603, 203.925 looks on a white background.

Color Contrast Check

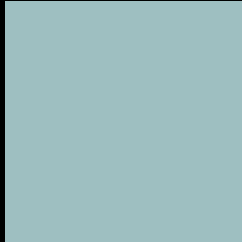
Large Text (above 18pt) WCAG AA × Fail

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, 11.603, 203.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

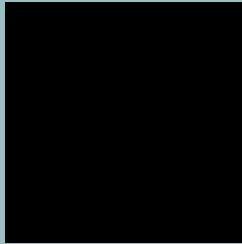
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

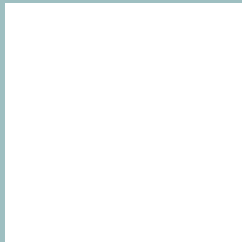
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 11.603, 203.925

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.603, 203.925.



This preview shows how white text looks on a background with the CIELCh color 75, 11.603, 203.925.

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, 11.603, 203.925

Protanopia

75, 2.939, 312.543

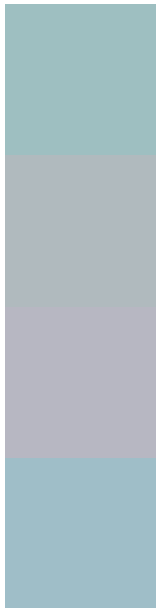
Deuteranopia

75, 10.934, 328.114



Tritanopia
75, 12.621, 238.944

Trichromacy



Original Color
75, 11.603, 203.925

Protanomaly
75, 4.185, 230.395

Deuteranomaly
75, 5.950, 290.750

Tritanomaly
75, 11.849, 225.934

Monochromacy



Original Color
75, 11.603, 203.925

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, 11.603, 203.925 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(158, 191, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 191, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 11.603, 203.925 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, 193) }
```

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

```
.border{ border-color:rgb(158, 191, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 191, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 191, 193);  
box-shadow:4px 4px 4px 4px rgb(158, 191,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 11.603, 203.925 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, 193) }
```

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

```
.background{ background-color: rgb(158,  
191, 193) }
```

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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