

Converting Colors

CIELCh(75, 10.633, 159.871)

Have a look what the booklet for
CIELCh(75, 10.633, 159.871)
contains.

CIELCh(75, 10.450, 160.381)	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, 10.450, 160.381)

Conversions

Conversions Part 1

Format	Color
Hex	A8BEB2
RGB	168, 190, 178
RGB Percent	66%, 75%, 70%
CMY	0.3418, 0.2555, 0.3025
CMYK	0.12, 0.00, 0.06, 0.26
HSL	147°, 14%, 70%
HSV	147°, 12%, 74%
XYZ	42.5182, 48.2781, 49.1182
YIQ	182.0540, -9.2600, -8.3960

Conversions

Conversions Part 2

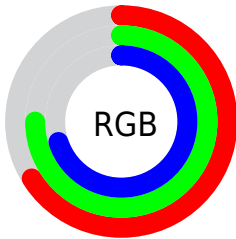
Format	Color
RYB	168, 183, 190
Decimal	11058866
CIELab	75.00, -9.84, 3.51
CIELCh	75, 10.450, 160.381
Yxy	48.2781, 0.3039, 0.3451
Android (android.graphics.Color)	4289248946 (0xFFA8BEB2)
YUV	182.0540, -1.9986, -12.3254
Hunter-Lab	69.4824, -12.3651, 6.7247

Details

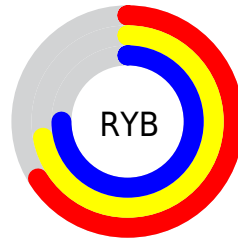
The CIELCh color **75, 10.450, 160.381** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 10.580, 342.171**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.224, 161.770**, and **55, 10.804, 158.818** is the 20% darker color. If you saturate the color by 10%, you get **74, 19.460, 159.453**, and if you desaturate by 10%, it is **77, 1.423, 161.419**.

Distribution



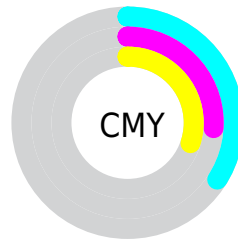
- Red (66%)
- Green (75%)
- Blue (70%)



- Red (66%)
- Yellow (72%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)





- Cyan (34%)
- Magenta (26%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.450, 160.381 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, 10.450, 160.381 by changing the saturation by 10% instead.


 75, 10.450,
160.381


 75, 10.450,
160.381


 100, 10.450,
160.381


 65, 10.450,
160.381


 95, 10.450,
160.381

 55, 10.450,
160.381

 45, 10.450,
160.381

 35, 10.450,
160.381

 25, 10.450,
160.381

 15, 10.450,
160.381

 5, 10.450, 160.381

■ 0, 10.450, 160.381

■ 75, 10.450,
160.381

■ 75, 10.450,
160.381

■ 74, 19.460,
159.453

■ 77, 1.423, 161.419

■ 72, 28.330,
158.425

■ 78, 7.535, 341.840

■ 71, 36.924,
157.266

■ 80, 16.351,
342.535

■ 70, 45.091,
155.949

■ 82, 24.977,
343.155

■ 69, 52.678,
154.451

■ 84, 31.274,
340.188

■ 69, 59.552,
152.754

■ 84, 34.879,
333.310

■ 84, 38.924,

■ 68, 65.618,
150.848

327.887

■ 68, 70.848,
148.748

■ 85, 40.848,
325.841

■ 68, 74.721,
146.925

Harmonies

Complementary

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



75, 10.450, 160.381



71, 10.580, 342.171

Rectangle

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



75, 10.450, 160.381



75, 10.450, 210.381



75, 10.450, 340.381



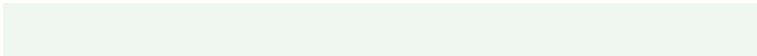
75, 10.450, 30.381

Sweetspot

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



75, 10.452, 160.378



97, 3.341, 161.179



76, 12.411, 126.776



52, 2.556, 161.086



99, 0.012, 296.813



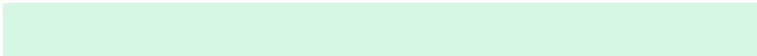
52, 0.007, 296.813

Same Dimension

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



75, 10.452, 160.378



95, 15.658, 160.142



75, 7.948, 194.548



39, 5.084, 160.576



57, 64.787, 147.265



9, 17.120, 155.285

Inverse Universe

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



71, 10.580, 342.171



88, 15.887, 342.402



71, 8.492, 16.071



37, 5.137, 341.976



34, 60.008, 357.258



3, 14.331, 348.917

Previews

White Background



This preview shows how the CIELCh color 75, 10.450, 160.381 looks on a white background.

Color Contrast Check

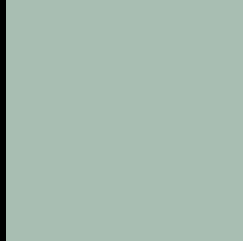
Large Text (above 18pt) WCAG AA × Fail

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, 10.450, 160.381 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

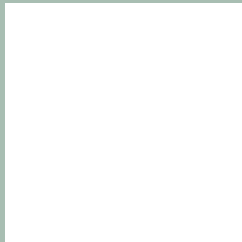
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 10.450, 160.381

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.450, 160.381.



This preview shows how white text looks on a background with the CIELCh color 75, 10.450, 160.381.

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, 10.450, 160.381

Protanopia

75, 5.829, 86.554

Deuteranopia

75, 9.966, 14.029



Tritanopia
75, 9.373, 259.273

Trichromacy



Original Color
75, 10.450, 160.381

Protanomaly
75, 6.118, 123.882

Deuteranomaly
75, 3.750, 45.012

Tritanomaly
75, 6.816, 227.518

Monochromacy



Original Color
75, 10.450, 160.381

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.035, 157.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.450, 160.381 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(168, 190, 178)` looks like.

```
.text, #text, p{  
    color:rgb(168, 190, 178)  
}
```

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(168, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 190, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.450, 160.381 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(168, 190, 178) }
```

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

```
.border{ border-color:rgb(168, 190, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 190, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 190, 178);  
box-shadow:4px 4px 4px 4px rgb(168, 190,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.450, 160.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 190, 178) }
```

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

```
.background{ background-color: rgb(168,  
190, 178) }
```

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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