

Converting Colors

CIELCh(75, 32.660, 188.368)

Have a look what the booklet for
CIELCh(75, 32.660, 188.368)
contains.

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Color

CIELCh(75, 32.652, 188.349)

Conversions

Conversions Part 1

Format	Color
Hex	61C9C0
RGB	97, 201, 192
RGB Percent	38%, 79%, 75%
CMY	0.6184, 0.2107, 0.2460
CMYK	0.52, 0.00, 0.04, 0.21
HSL	175°, 49%, 59%
HSV	175°, 52%, 79%
XYZ	35.4570, 48.2781, 57.4775
YIQ	168.8780, -59.0950, -24.8470

Conversions

Conversions Part 2

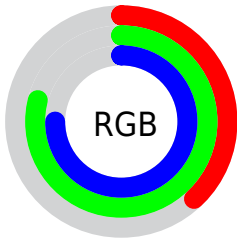
Format	Color
RYB	97, 151, 201
Decimal	6408640
CIELab	75.00, -32.31, -4.74
CIELCh	75, 32.652, 188.349
Yxy	48.2781, 0.2511, 0.3419
Android (android.graphics.Color)	4284598720 (0xFF61C9C0)
YUV	168.8780, 11.3991, -63.0370
Hunter-Lab	69.4824, -30.5054, -0.4084

Details

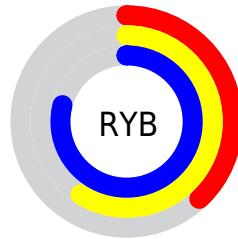
The CIELCh color **75, 32.652, 188.349** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 44.615, 19.148**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.429, 190.817**, and **55, 32.393, 189.185** is the 20% darker color. If you saturate the color by 10%, you get **74, 36.941, 187.539**, and if you desaturate by 10%, it is **76, 27.552, 189.130**.

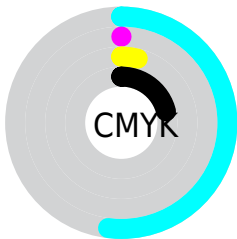
Distribution



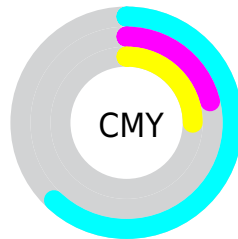
- Red (38%)
- Green (79%)
- Blue (75%)



- Red (38%)
- Yellow (59%)
- Blue (79%)



- Cyan (52%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)





- Cyan (62%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 32.652, 188.349 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, 32.652, 188.349 by changing the saturation by 10% instead.


 75, 32.652,
188.349


 75, 32.652,
188.349


 100, 32.652,
188.349


 65, 32.652,
188.349


 95, 32.652,
188.349

 55, 32.652,
188.349

 45, 32.652,
188.349

 35, 32.652,
188.349

 25, 32.652,
188.349

 15, 32.652,
188.349

 5, 32.652, 188.349

0, 32.652, 188.349

75, 32.652,
188.349

75, 32.652,
188.349

74, 36.941,
187.539

76, 27.552,
189.130

74, 40.350,
186.690

77, 21.740,
189.898

73, 42.862,
185.784

78, 15.334,
190.661

73, 44.517,
184.806

79, 8.457, 191.437

73, 45.411,
183.941

81, 1.226, 192.557

82, 6.254, 12.768

84, 13.891, 13.549

■ 86, 20.341, 13.749

■ 86, 20.407, 11.216

Harmonies

Complementary

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



75, 32.652, 188.349



54, 44.615, 19.148

Rectangle

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



75, 32.652, 188.349



75, 32.652, 238.349



75, 32.652, 8.349



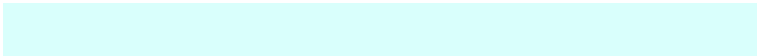
75, 32.652, 58.349

Sweetspot

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



75, 32.652, 188.347



97, 13.077, 191.158



74, 64.654, 138.146



52, 8.877, 190.992



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 32.652, 188.347



92, 44.692, 187.439



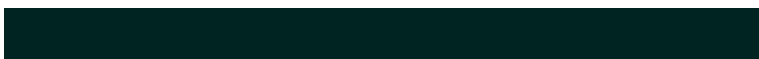
63, 28.781, 252.923



41, 4.092, 191.622



60, 38.808, 184.113



12, 13.764, 186.653

Inverse Universe

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



54, 44.615, 19.148



62, 65.852, 22.119



63, 37.033, 58.914



39, 4.299, 12.927



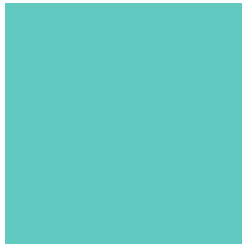
34, 71.225, 36.094



3, 15.950, 14.921

Previews

White Background



This preview shows how the CIELCh color 75, 32.652, 188.349 looks on a white background.

Color Contrast Check

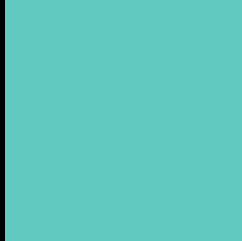
Large Text (above 18pt) WCAG AA × Fail

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, 32.652, 188.349 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

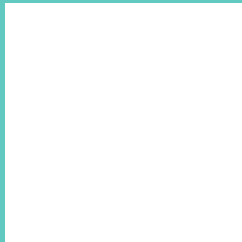
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 32.652, 188.349

Background



This preview shows how black text looks on a background with the CIELCh color 75, 32.652, 188.349.

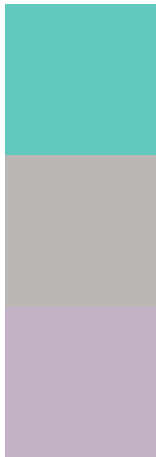


This preview shows how white text looks on a background with the CIELCh color 75, 32.652, 188.349.

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](#).

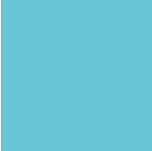
Dichromacy



Original Color
75, 32.652, 188.349

Protanopia
75, 1.832, 55.193

Deuteranopia
74, 12.066, 322.009



Tritanopia
75, 28.558, 215.305

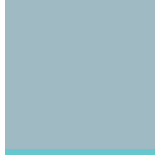
Trichromacy



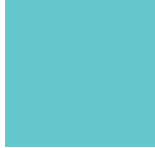
Original Color
75, 32.652, 188.349



Protanomaly
74, 13.143, 186.479



Deuteranomaly
74, 10.498, 226.574

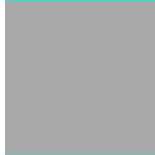


Tritanomaly
75, 29.312, 204.803

Monochromacy



Original Color
75, 32.652, 188.349



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 13.751, 189.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 32.652, 188.349 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(97, 201, 192)` looks like.

```
.text, #text, p{  
    color:rgb(97, 201, 192)  
}
```

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(97, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 201, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 32.652, 188.349 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(97, 201, 192) }
```

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

```
.border{ border-color:rgb(97, 201, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 201, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 201, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 201, 192);  
box-shadow:4px 4px 4px 4px rgb(97, 201,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 32.652, 188.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 201, 192) }
```

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

```
.background{ background-color: rgb(97, 201,  
192) }
```

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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