

Converting Colors

CIELCh(78, 32.901, 197.073)

Have a look what the booklet for
CIELCh(78, 32.901, 197.073)
contains.

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Color

CIELCh(78, 32.953, 197.082)

Conversions

Conversions Part 1

Format	Color
Hex	63D2D2
RGB	99, 210, 210
RGB Percent	39%, 82%, 82%
CMY	0.6131, 0.1777, 0.1777
CMYK	0.53, 0.00, 0.00, 0.18
HSL	180°, 55%, 60%
HSV	180°, 53%, 82%
XYZ	39.6738, 53.2120, 68.9524
YIQ	176.8110, -66.1560, -23.5320

Conversions

Conversions Part 2

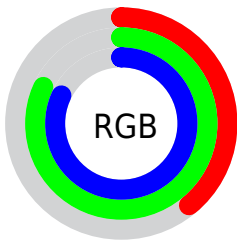
Format	Color
RYB	99, 155, 210
Decimal	6542034
CIELab	78.00, -31.50, -9.68
CIELCh	78, 32.953, 197.082
Yxy	53.2120, 0.2451, 0.3288
Android (android.graphics.Color)	4284732114 (0xFF63D2D2)
YUV	176.8110, 16.3622, -68.2402
Hunter-Lab	72.9466, -30.5748, -4.9810

Details

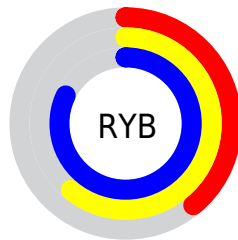
The CIELCh color **78, 32.953, 197.082** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 48.653, 25.767**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.902, 197.576**, and **58, 32.910, 197.534** is the 20% darker color. If you saturate the color by 10%, you get **77, 36.812, 196.817**, and if you desaturate by 10%, it is **79, 28.198, 197.409**.

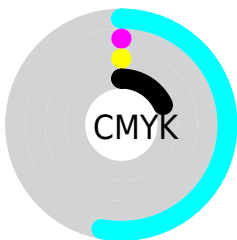
Distribution



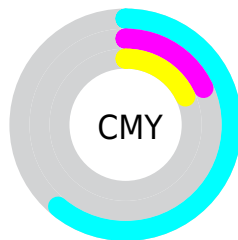
- Red (39%)
- Green (82%)
- Blue (82%)



- Red (39%)
- Yellow (61%)
- Blue (82%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





- Cyan (61%)
- Magenta (18%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 32.953, 197.082 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 78, 32.953, 197.082 by changing the saturation by 10% instead.


 78, 32.953,
197.082


 78, 32.953,
197.082


 100, 32.953,
197.082


 68, 32.953,
197.082


 98, 32.953,
197.082

 58, 32.953,
197.082

 48, 32.953,
197.082

 38, 32.953,
197.082

 28, 32.953,
197.082

 18, 32.953,
197.082

 8, 32.953, 197.082

0, 32.953, 197.082

78, 32.953,
197.082

78, 32.953,
197.082

77, 36.812,
196.817

79, 28.198,
197.409

77, 39.730,
196.621

80, 22.633,
197.801

77, 41.712,
196.489

81, 16.368,
198.253

76, 42.826,
196.415

82, 9.523, 198.770

76, 43.241,
196.388

84, 2.221, 199.500

85, 5.427, 19.703

87, 13.318, 20.358

■ 88, 16.967, 20.643

■ 88, 16.967, 20.643

Harmonies

Complementary

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



78, 32.953, 197.082



55, 48.653, 25.767

Rectangle

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



78, 32.953, 197.082



78, 32.953, 247.082



78, 32.953, 17.082



78, 32.953, 67.082

Sweetspot

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



78, 32.953, 197.080



97, 13.667, 198.594



76, 70.225, 140.029



52, 9.169, 198.486



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 32.953, 197.080



92, 43.345, 196.778



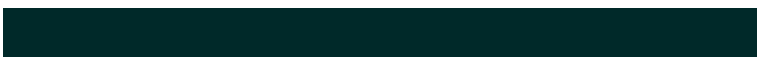
62, 34.089, 265.761



43, 4.203, 198.976



62, 36.712, 196.388



14, 14.038, 196.387

Inverse Universe

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



59, 69.752, 327.164



67, 94.935, 327.608



68, 39.770, 68.778



41, 7.693, 324.935



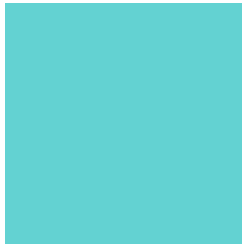
40, 84.659, 328.233



6, 31.113, 327.825

Previews

White Background



This preview shows how the CIELCh color 78, 32.953, 197.082 looks on a white background.

Color Contrast Check

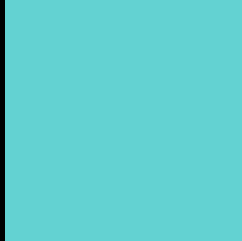
Large Text (above 18pt) WCAG AA × Fail

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 78, 32.953, 197.082 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

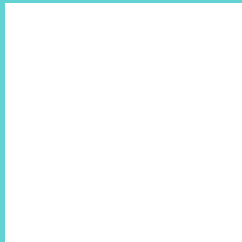
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 32.953, 197.082

Background



This preview shows how black text looks on a background with the CIELCh color 78, 32.953, 197.082.

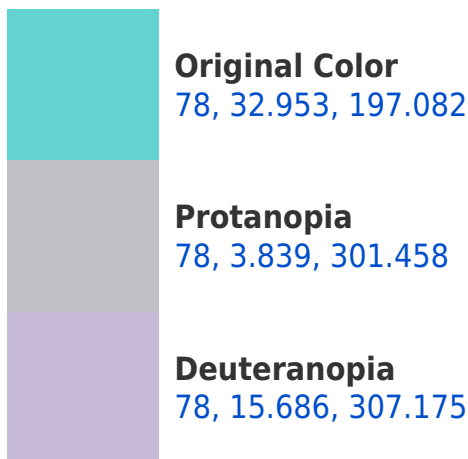


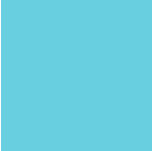
This preview shows how white text looks on a background with the CIELCh color 78, 32.953, 197.082.

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
78, 30.772, 214.829

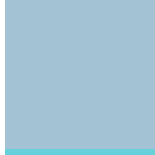
Trichromacy



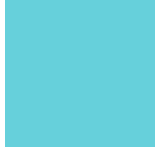
Original Color
78, 32.953, 197.082



Protanomaly
77, 13.538, 207.627



Deuteranomaly
77, 14.250, 241.741

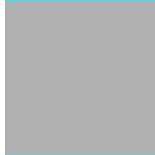


Tritanomaly
78, 31.252, 208.282

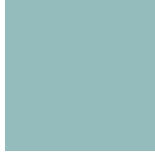
Monochromacy



Original Color
78, 32.953, 197.082



Achromatopsia
72, 0.009, 296.813



Achromatomaly
73, 13.972, 198.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 32.953, 197.082 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(99, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(99, 210, 210)  
}
```

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(99, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 210, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 32.953, 197.082 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(99, 210, 210) }
```

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

```
.border{ border-color:rgb(99, 210, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(99, 210,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 32.953, 197.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 210, 210) }
```

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

```
.background{ background-color: rgb(99, 210,  
210) }
```

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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