

Converting Colors

CIELCh(77, 20.469, 191.734)

Have a look what the booklet for
CIELCh(77, 20.469, 191.734)
contains.

CIELCh(77, 20.444, 191.818)	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(77, 20.444, 191.818)

Conversions

Conversions Part 1

Format	Color
Hex	8DC9C5
RGB	141, 201, 197
RGB Percent	55%, 79%, 77%
CMY	0.4466, 0.2113, 0.2270
CMYK	0.30, 0.00, 0.02, 0.21
HSL	176°, 36%, 67%
HSV	176°, 30%, 79%
XYZ	42.0044, 51.5317, 60.6206
YIQ	182.6040, -34.4760, -13.9640

Conversions

Conversions Part 2

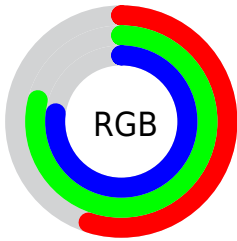
Format	Color
RYB	141, 172, 201
Decimal	9292229
CIELab	77.00, -20.01, -4.19
CIELCh	77, 20.444, 191.818
Yxy	51.5317, 0.2725, 0.3343
Android (android.graphics.Color)	4287482309 (0xFF8DC9C5)
YUV	182.6040, 7.0972, -36.4867
Hunter-Lab	71.7856, -21.1778, 0.1815

Details

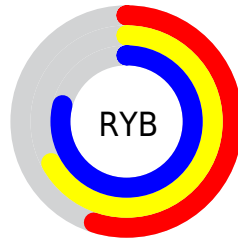
The CIELCh color **77, 20.444, 191.818** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 24.403, 16.767**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.372, 196.698**, and **57, 20.576, 191.063** is the 20% darker color. If you saturate the color by 10%, you get **76, 26.286, 191.119**, and if you desaturate by 10%, it is **78, 14.016, 192.520**.

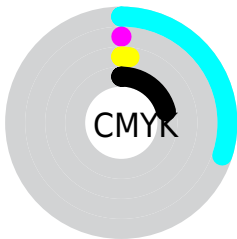
Distribution



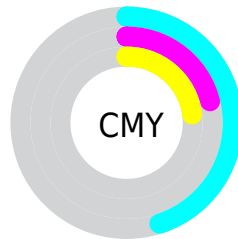
- Red (55%)
- Green (79%)
- Blue (77%)



- Red (55%)
- Yellow (67%)
- Blue (79%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (45%)
- Magenta (21%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 20.444, 191.818 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 77, 20.444, 191.818 by changing the saturation by 10% instead.

 77, 20.444,
191.818

 77, 20.444,
191.818


 100, 20.444,
191.818


 67, 20.444,
191.818


 97, 20.444,
191.818

 57, 20.444,
191.818

 47, 20.444,
191.818

 37, 20.444,
191.818

 27, 20.444,
191.818

 17, 20.444,
191.818

 7, 20.444, 191.818

0, 20.444, 191.818

77, 20.444,
191.818

77, 20.444,
191.818

76, 26.286,
191.119

78, 14.016,
192.520

75, 31.422,
190.426

80, 7.122, 193.256

74, 35.751,
189.728

81, 0.123, 9.452

83, 7.614, 14.517

74, 39.203,
189.013

84, 15.263, 15.260

74, 41.752,
188.267

86, 20.391, 15.079

86, 20.421, 13.129

73, 43.430,
187.477

86, 20.477, 11.187

■ 73, 44.421,
186.640

■ 86, 20.557, 9.259

■ 73, 44.436,
186.626

Harmonies

Complementary

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



77, 20.444, 191.818



65, 24.403, 16.767

Rectangle

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



77, 20.444, 191.818



77, 20.444, 241.818



77, 20.444, 11.818



77, 20.444, 61.818

Sweetspot

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



77, 20.445, 191.815



98, 7.913, 193.312



76, 38.266, 140.349



52, 5.481, 193.197



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 20.445, 191.815



94, 29.191, 191.350



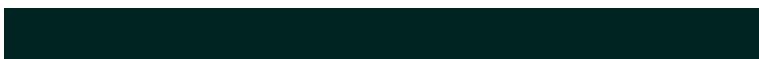
70, 17.612, 250.139



41, 4.073, 193.292



60, 38.014, 186.764



12, 13.556, 188.789

Inverse Universe

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



65, 24.403, 16.767



76, 36.435, 17.737



71, 19.975, 62.749



39, 4.289, 14.526



34, 72.021, 37.016



3, 15.927, 15.948

Previews

White Background



This preview shows how the CIELCh color 77, 20.444, 191.818 looks on a white background.

Color Contrast Check

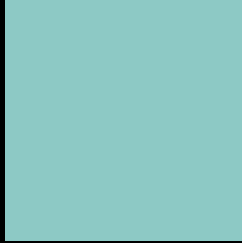
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 20.444, 191.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

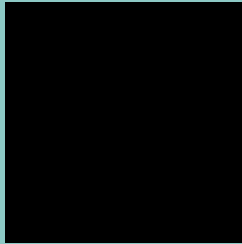
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

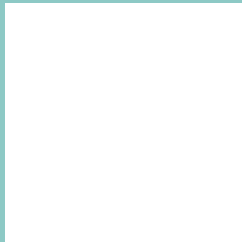
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 20.444, 191.818

Background



This preview shows how black text looks on a background with the CIELCh color 77, 20.444, 191.818.

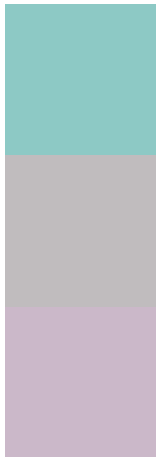


This preview shows how white text looks on a background with the CIELCh color 77, 20.444, 191.818.

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
77, 20.444, 191.818

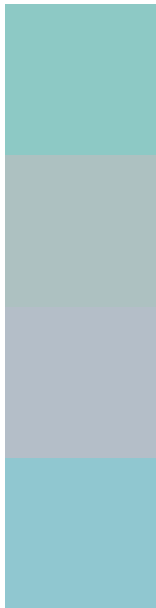
Protanopia
77, 1.843, 343.606

Deuteranopia
77, 11.525, 327.947



Tritanopia
77, 19.002, 225.374

Trichromacy



Original Color
77, 20.444, 191.818

Protanomaly
77, 7.176, 198.921

Deuteranomaly
76, 6.389, 256.776

Tritanomaly
77, 18.639, 213.286

Monochromacy



Original Color
77, 20.444, 191.818

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 8.024, 191.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 20.444, 191.818 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(141, 201, 197)` looks like.

```
.text, #text, p{  
    color:rgb(141, 201, 197)  
}
```

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(141, 201, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 201, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 20.444, 191.818 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(141, 201, 197) }
```

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

```
.border{ border-color:rgb(141, 201, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 201, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 201, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 201, 197); box-shadow:4px 4px 4px 4px rgb(141, 201, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 20.444, 191.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 201, 197) }
```

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

```
.background{ background-color: rgb(141,  
201, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor