

Converting Colors

CIELCh(77, 25.632, 160.216)

Have a look what the booklet for
CIELCh(77, 25.632, 160.216)
contains.

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Color

CIELCh(77, 25.653, 160.202)

Conversions

Conversions Part 1

Format	Color
Hex	92CAAD
RGB	146, 202, 173
RGB Percent	57%, 79%, 68%
CMY	0.4264, 0.2068, 0.3205
CMYK	0.28, 0.00, 0.14, 0.21
HSL	149°, 35%, 68%
HSV	149°, 28%, 79%
XYZ	40.6540, 51.5317, 47.4733
YIQ	181.9500, -24.0670, -20.8910

Conversions

Conversions Part 2

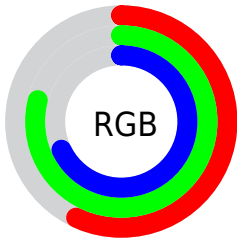
Format	Color
RYB	146, 184, 202
Decimal	9620141
CIELab	77.00, -24.14, 8.69
CIELCh	77, 25.653, 160.202
Yxy	51.5317, 0.2911, 0.3690
Android (android.graphics.Color)	4287810221 (0xFF92CAAD)
YUV	181.9500, -4.4124, -31.5282
Hunter-Lab	71.7856, -24.5359, 11.0403

Details

The CIELCh color **77, 25.653, 160.202** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 26.467, 345.174**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 23.429, 161.769**, and **57, 25.654, 160.236** is the 20% darker color. If you saturate the color by 10%, you get **76, 34.606, 159.076**, and if you desaturate by 10%, it is **78, 16.458, 161.205**.

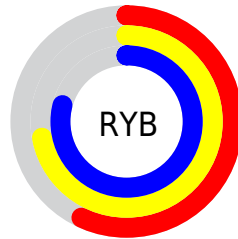
Distribution



Red (57%)

Green (79%)

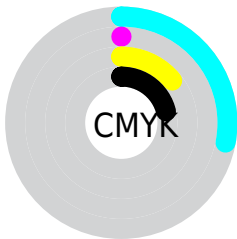
Blue (68%)



Red (57%)

Yellow (72%)

Blue (79%)

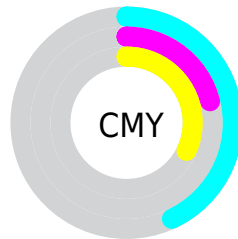


Cyan (28%)

Magenta (0%)

Yellow (14%)

Black (21%)



Cyan (43%)


Magenta (21%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 25.653, 160.202 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, 25.653, 160.202 by changing the saturation by 10% instead.


 77, 25.653,
160.202


 77, 25.653,
160.202


 100, 25.653,
160.202


 67, 25.653,
160.202


 97, 25.653,
160.202

 57, 25.653,
160.202

 47, 25.653,
160.202

 37, 25.653,
160.202

 27, 25.653,
160.202

 17, 25.653,
160.202

 7, 25.653, 160.202

■ 0, 25.653, 160.202

■ 77, 25.653,
160.202

■ 77, 25.653,
160.202

■ 76, 34.606,
159.076

■ 78, 16.458,
161.205

■ 75, 43.160,
157.805

■ 80, 7.152, 162.127

■ 74, 51.157,
156.362

■ 82, 2.149, 342.687

■ 73, 58.450,
154.724

■ 84, 11.358,
343.569

■ 72, 64.931,
152.877

■ 86, 20.407,
344.254

■ 72, 70.548,
150.822

■ 87, 25.811,
338.287

■ 87, 29.648,

■ 72, 75.358,
148.605

330.409

■ 72, 76.412,
148.108

■ 87, 33.066,
325.575

Harmonies

Complementary

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



77, 25.653, 160.202



67, 26.467, 345.174

Rectangle

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



77, 25.653, 160.202



77, 25.653, 210.202



77, 25.653, 340.202



77, 25.653, 30.202

Sweetspot

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



77, 25.654, 160.201



98, 8.979, 162.089



78, 31.297, 126.588



52, 6.384, 161.950



0, 0.000, 0.000



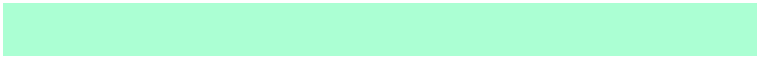
53, 0.007, 296.813

Same Dimension

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



77, 25.654, 160.201



94, 36.729, 159.570



78, 19.007, 194.974



42, 5.314, 161.971



60, 65.417, 148.462



12, 21.650, 154.517

Inverse Universe

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



67, 26.467, 345.174



79, 38.113, 345.799



66, 22.647, 19.067



40, 5.376, 343.421



35, 61.646, 359.942



4, 20.105, 352.404

Previews

White Background



This preview shows how the CIELCh color 77, 25.653, 160.202 looks on a white background.

Color Contrast Check

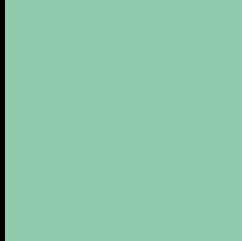
Large Text (above 18pt) WCAG AA × Fail

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, 25.653, 160.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

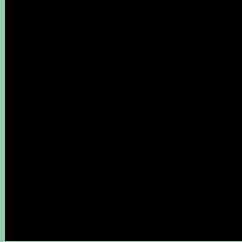
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 25.653, 160.202

Background



This preview shows how black text looks on a background with the CIELCh color 77, 25.653, 160.202.



This preview shows how white text looks on a background with the CIELCh color 77, 25.653, 160.202.

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, 25.653, 160.202

Protanopia
77, 12.782, 93.094

Deuteranopia
77, 11.658, 36.141



Tritanopia
77, 16.185, 228.527

Trichromacy



Original Color
77, 25.653, 160.202

Protanomaly
77, 14.569, 131.945

Deuteranomaly
76, 7.537, 115.234

Tritanomaly
77, 16.491, 196.312

Monochromacy



Original Color
77, 25.653, 160.202

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 9.197, 162.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 25.653, 160.202 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(146, 202, 173)` looks like.

```
.text, #text, p{  
    color:rgb(146, 202, 173)  
}
```

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(146, 202, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 202, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 25.653, 160.202 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(146, 202, 173) }
```

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

```
.border{ border-color:rgb(146, 202, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 202, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 202, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 202, 173); box-shadow:4px 4px 4px 4px rgb(146, 202, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 25.653, 160.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 202, 173) }
```

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

```
.background{ background-color: rgb(146,  
202, 173) }
```

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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