

Converting Colors

CIELCh(77, 31.724, 155.143)

Have a look what the booklet for
CIELCh(77, 31.724, 155.143)
contains.

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Color

CIELCh(77, 31.375, 155.473)

Conversions

Conversions Part 1

Format	Color
Hex	8CCCA5
RGB	140, 204, 165
RGB Percent	55%, 80%, 65%
CMY	0.4506, 0.1996, 0.3526
CMYK	0.31, 0.00, 0.19, 0.20
HSL	143°, 39%, 67%
HSV	143°, 31%, 80%
XYZ	39.2438, 51.5317, 43.5170
YIQ	180.4180, -25.6250, -25.6970

Conversions

Conversions Part 2

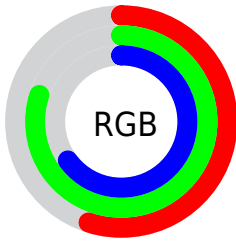
Format	Color
RYB	140, 186, 204
Decimal	9227429
CIELab	77.00, -28.54, 13.02
CIELCh	77, 31.375, 155.473
Yxy	51.5317, 0.2922, 0.3837
Android (android.graphics.Color)	4287417509 (0xFF8CCA5)
YUV	180.4180, -7.6011, -35.4466
Hunter-Lab	71.7856, -28.0423, 14.3079

Details

The CIELCh color **77, 31.375, 155.473** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 32.029, 340.752**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.728, 157.419**, and **57, 31.232, 155.710** is the 20% darker color. If you saturate the color by 10%, you get **76, 41.031, 154.339**, and if you desaturate by 10%, it is **78, 21.446, 156.468**.

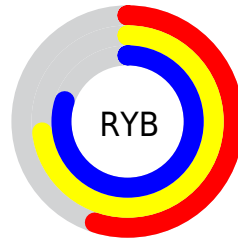
Distribution



Red (55%)

Green (80%)

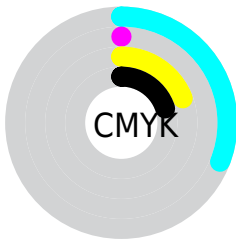
Blue (65%)



Red (55%)

Yellow (73%)

Blue (80%)

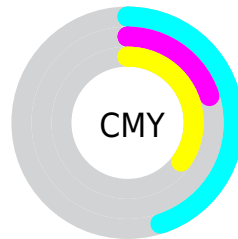


Cyan (31%)

Magenta (0%)

Yellow (19%)

Black (20%)



Cyan (45%)


Magenta (20%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 31.375, 155.473 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, 31.375, 155.473 by changing the saturation by 10% instead.


 77, 31.375,
155.473


 77, 31.375,
155.473


 100, 31.375,
155.473


 67, 31.375,
155.473


 97, 31.375,
155.473

 57, 31.375,
155.473

 47, 31.375,
155.473

 37, 31.375,
155.473

 27, 31.375,
155.473

 17, 31.375,
155.473

 7, 31.375, 155.473

■ 0, 31.375, 155.473

■ 77, 31.375,
155.473

■ 77, 31.375,
155.473

■ 76, 41.031,
154.339

■ 78, 21.446,
156.468

■ 75, 50.236,
153.043

■ 80, 11.396,
157.356

■ 74, 58.815,
151.563

■ 82, 1.353, 158.372

■ 84, 8.581, 338.743

■ 73, 66.604,
149.883

■ 86, 18.333,
339.387

■ 73, 73.483,
148.003

■ 87, 25.932,
335.701

■ 72, 79.395,
145.945

■ 88, 30.738,

■ 72, 83.819,
144.125

327.103

■ 88, 31.923,
325.535

Harmonies

Complementary

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



77, 31.375, 155.473



66, 32.029, 340.752

Rectangle

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



77, 31.375, 155.473



77, 31.375, 205.473



77, 31.375, 335.473



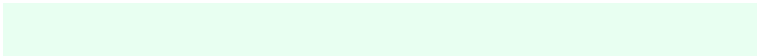
77, 31.375, 25.473

Sweetspot

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



77, 31.376, 155.472



98, 10.807, 157.546



79, 34.977, 123.277



52, 7.514, 157.421



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, 31.376, 155.472



93, 45.299, 154.679



78, 22.087, 187.274



42, 5.684, 157.522



59, 71.253, 144.475



12, 23.239, 151.109

Inverse Universe

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



66, 32.029, 340.752



77, 46.370, 341.450



65, 26.072, 13.138



40, 5.728, 338.857



36, 63.667, 351.824



4, 21.251, 346.528

Previews

White Background



This preview shows how the CIELCh color 77, 31.375, 155.473 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 77, 31.375, 155.473 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, 31.375, 155.473

Background



This preview shows how black text looks on a background with the CIELCh color 77, 31.375, 155.473.



This preview shows how white text looks on a background with the CIELCh color 77, 31.375, 155.473.

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](#).

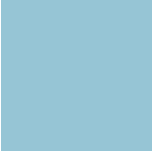
Dichromacy



Original Color
77, 31.375, 155.473

Protanopia
77, 17.124, 93.881

Deuteranopia
77, 14.499, 46.444



Tritanopia
77, 17.450, 228.128

Trichromacy



Original Color
77, 31.375, 155.473

Protanomaly
76, 18.695, 127.770

Deuteranomaly
76, 11.798, 112.805

Tritanomaly
77, 18.639, 191.361

Monochromacy



Original Color
77, 31.375, 155.473

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 11.463, 157.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 31.375, 155.473 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(140, 204, 165)` looks like.

```
.text, #text, p{  
    color:rgb(140, 204, 165)  
}
```

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(140, 204, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 204, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 31.375, 155.473 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(140, 204, 165) }
```

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

```
.border{ border-color:rgb(140, 204, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 204, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 204, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 204, 165);  
box-shadow:4px 4px 4px 4px rgb(140, 204,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 31.375, 155.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 204, 165) }
```

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

```
.background{ background-color: rgb(140,  
204, 165) }
```

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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