

Converting Colors

CIELCh(77, 33.295, 104.216)

Have a look what the booklet for
CIELCh(77, 33.295, 104.216)
contains.

CIELCh(77, 33.295, 104.216)	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, 33.295, 104.216)

Conversions

Conversions Part 1

Format	Color
Hex	C5C182
RGB	197, 193, 130
RGB Percent	77%, 76%, 51%
CMY	0.2280, 0.2437, 0.4907
CMYK	0.00, 0.02, 0.34, 0.23
HSL	56°, 37%, 64%
HSV	56°, 34%, 77%
XYZ	46.0430, 51.5317, 28.5895
YIQ	187.0140, 22.6070, -18.7450

Conversions

Conversions Part 2

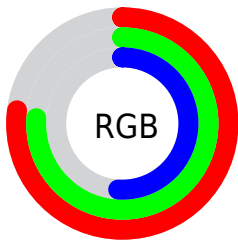
Format	Color
RYB	134, 197, 130
Decimal	12960130
CIELab	77.00, -8.18, 32.28
CIELCh	77, 33.295, 104.216
Yxy	51.5317, 0.3649, 0.4084
Android (android.graphics.Color)	4291150210 (0xFFC5C182)
YUV	187.0140, -28.1079, 8.7577
Hunter-Lab	71.7856, -11.1358, 26.6370

Details

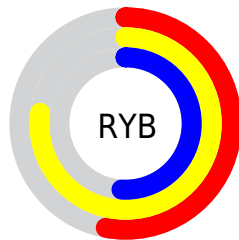
The CIELCh color **77, 33.295, 104.216** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 35.850, 292.162**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 32.898, 104.273**, and **57, 33.309, 104.666** is the 20% darker color. If you saturate the color by 10%, you get **76, 42.713, 103.211**, and if you desaturate by 10%, it is **78, 23.625, 105.244**.

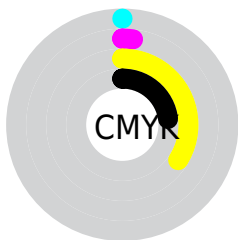
Distribution



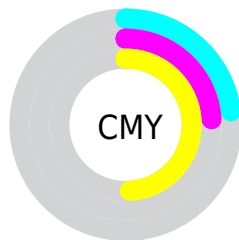
- Red (77%)
- Green (76%)
- Blue (51%)



- Red (53%)
- Yellow (77%)
- Blue (51%)



- Cyan (0%)
- Magenta (2%)
- Yellow (34%)
- Black (23%)





- Cyan (23%)
- Magenta (24%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 33.295, 104.216 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, 33.295, 104.216 by changing the saturation by 10% instead.


 77, 33.295,
104.216


 77, 33.295,
104.216


 100, 33.295,
104.216


 67, 33.295,
104.216


 97, 33.295,
104.216

 57, 33.295,
104.216

 47, 33.295,
104.216

 37, 33.295,
104.216

 27, 33.295,
104.216

 17, 33.295,
104.216

 7, 33.295, 104.216

■ 0, 33.295, 104.216

■ 77, 33.295,
104.216

■ 77, 33.295,
104.216

■ 76, 42.713,
103.211

■ 78, 23.625,
105.244

■ 76, 51.676,
102.237

■ 78, 13.822,
106.265

■ 75, 59.881,
101.325

■ 79, 3.966, 107.259

■ 75, 66.893,
100.501

■ 80, 5.896, 288.282

■ 75, 72.179, 99.791

■ 81, 15.732,
289.227

■ 74, 75.288, 99.209

■ 82, 25.524,
290.142

■ 74, 76.365, 98.904

■ 82, 28.596,

289.899

■ 83, 27.961,
288.998

■ 83, 27.334,
288.056

Harmonies

Complementary

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



77, 33.295, 104.216



58, 35.850, 292.162

Rectangle

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



77, 33.295, 104.216



77, 33.295, 154.216



77, 33.295, 284.216



77, 33.295, 334.216

Sweetspot

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



77, 33.296, 104.220



99, 12.158, 106.656



61, 27.706, 17.356



53, 8.294, 106.513



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, 33.296, 104.220



96, 49.196, 103.450



76, 37.216, 125.046



42, 5.635, 106.733



62, 66.488, 98.961



13, 18.935, 102.679

Inverse Universe

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



58, 35.850, 292.162



68, 54.129, 293.533



59, 39.339, 308.551



39, 5.745, 288.692



19, 92.992, 305.457



2, 20.605, 290.207

Previews

White Background



This preview shows how the CIELCh color 77, 33.295, 104.216 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, 33.295, 104.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

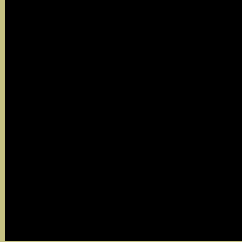
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 33.295, 104.216

Background



This preview shows how black text looks on a background with the CIELCh color 77, 33.295, 104.216.



This preview shows how white text looks on a background with the CIELCh color 77, 33.295, 104.216.

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, 33.295, 104.216

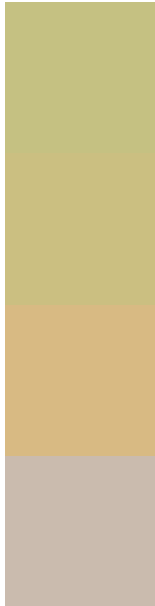
Protanopia
77, 33.021, 95.503

Deuteranopia
77, 33.075, 72.812



Tritanopia
77, 11.197, 334.374

Trichromacy



Original Color
77, 33.295, 104.216

Protanomaly
77, 33.189, 98.460

Deuteranomaly
77, 32.007, 84.344

Tritanomaly
77, 9.042, 69.797

Monochromacy



Original Color
77, 33.295, 104.216

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 12.327, 105.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 33.295, 104.216 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(197, 193, 130)` looks like.

```
.text, #text, p{  
    color:rgb(197, 193, 130)  
}
```

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(197, 193, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 193, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 33.295, 104.216 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(197, 193, 130) }
```

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

```
.border{ border-color:rgb(197, 193, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 193, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 193, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 193, 130);  
box-shadow:4px 4px 4px 4px rgb(197, 193,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 33.295, 104.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 193, 130) }
```

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

```
.background{ background-color: rgb(197,  
193, 130) }
```

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