

Converting Colors

CIELCh(77, 15.379, 108.490)

Have a look what the booklet for
CIELCh(77, 15.379, 108.490)
contains.

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Color

CIELCh(77, 15.464, 108.729)

Conversions

Conversions Part 1

Format	Color
Hex	C0C0A3
RGB	192, 192, 163
RGB Percent	75%, 75%, 64%
CMY	0.2472, 0.2472, 0.3609
CMYK	0.00, 0.00, 0.15, 0.25
HSL	60°, 19%, 70%
HSV	60°, 15%, 75%
XYZ	47.1817, 51.5317, 42.0965
YIQ	188.6940, 9.3090, -9.0190

Conversions

Conversions Part 2

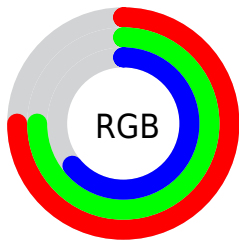
Format	Color
RYB	163, 192, 163
Decimal	12632227
CIELab	77.00, -4.97, 14.65
CIElCh	77, 15.464, 108.729
Yxy	51.5317, 0.3351, 0.3660
Android (android.graphics.Color)	4290822307 (0xFFC0C0A3)
YUV	188.6940, -12.6671, 2.8994
Hunter-Lab	71.7856, -8.3041, 15.4811

Details

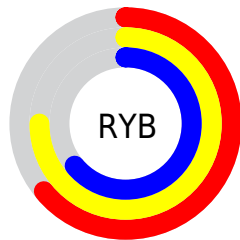
The CIELCh color $77, 15.464, 108.729$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $68, 16.004, 291.807$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 15.258, 107.619$, and $57, 15.830, 109.809$ is the 20% darker color. If you saturate the color by 10%, you get $77, 25.597, 107.773$, and if you desaturate by 10%, it is $77, 5.234, 109.687$.

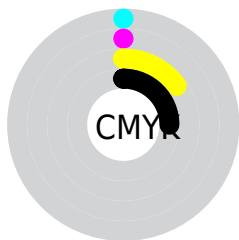
Distribution



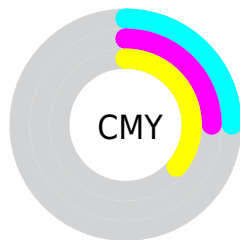
- Red (75%)
- Green (75%)
- Blue (64%)



- Red (64%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)





- Cyan (25%)
- Magenta (25%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 15.464, 108.729 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, 15.464, 108.729 by changing the saturation by 10% instead.


 77, 15.464,
108.729


 77, 15.464,
108.729


 100, 15.464,
108.729


 67, 15.464,
108.729


 97, 15.464,
108.729

 57, 15.464,
108.729

 47, 15.464,
108.729

 37, 15.464,
108.729

 27, 15.464,
108.729

 17, 15.464,
108.729

 7, 15.464, 108.729

■ 0, 15.464, 108.729

■ 77, 15.464,
108.729

■ 77, 15.464,
108.729

■ 77, 25.597,
107.773

■ 77, 5.234, 109.687

■ 76, 35.537,
106.823

■ 78, 5.037, 290.656

■ 76, 45.143,
105.907

■ 79, 15.310,
291.566

■ 76, 54.198,
105.051

■ 79, 25.557,
292.450

■ 76, 62.378,
104.290

■ 80, 33.659,
293.126

■ 76, 69.253,
103.663

■ 80, 33.659,
293.128

■ 80, 33.659,

■ 75, 74.341,
103.207

293.129

■ 75, 77.306,
102.946

■ 80, 33.659,
293.131

■ 75, 78.276,
102.861

■ 80, 33.659,
293.132

Harmonies

Complementary

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



77, 15.464, 108.729



68, 16.004, 291.807

Rectangle

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



77, 15.464, 108.729



77, 15.464, 158.729



77, 15.464, 288.729



77, 15.464, 338.729

Sweetspot

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



77, 15.466, 108.735



98, 6.348, 109.690



69, 11.325, 20.384



52, 4.331, 109.624



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



77, 15.466, 108.735



97, 22.804, 108.429



76, 16.520, 128.401



41, 5.855, 109.284



64, 68.599, 102.861



12, 18.617, 106.723

Inverse Universe

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



68, 16.004, 291.807



84, 23.775, 292.202



69, 16.862, 309.751



37, 5.984, 291.147



18, 94.723, 306.288



1, 19.479, 291.138

Previews

White Background



This preview shows how the CIELCh color 77, 15.464, 108.729 looks on a white background.

Color Contrast Check

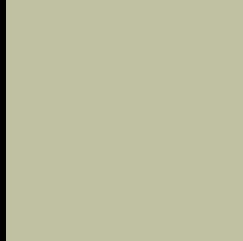
Large Text (above 18pt) WCAG AA × Fail

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, 15.464, 108.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

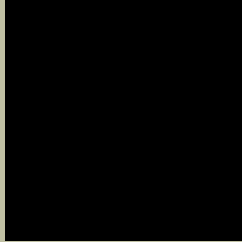
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

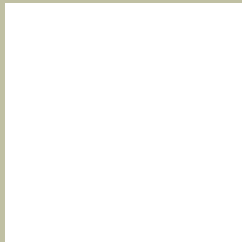
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 15.464, 108.729

Background



This preview shows how black text looks on a background with the CIELCh color 77, 15.464, 108.729.

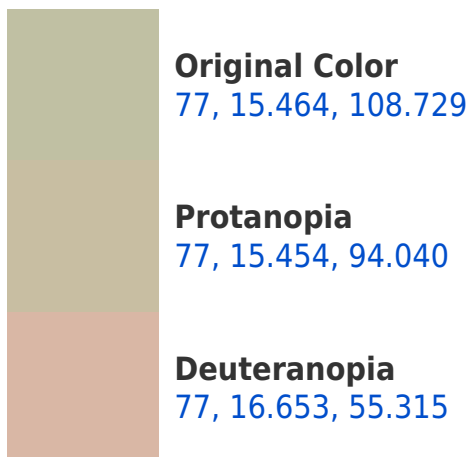



This preview shows how white text looks on a background with the CIELCh color 77, 15.464, 108.729.

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
77, 8.398, 316.452

Trichromacy



Original Color
77, 15.464, 108.729

Protanomaly
77, 15.643, 100.081

Deuteranomaly
77, 14.665, 72.797

Tritanomaly
77, 2.469, 45.030

Monochromacy



Original Color
77, 15.464, 108.729

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.349, 109.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 15.464, 108.729 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(192, 192, 163)` looks like.

```
.text, #text, p{  
    color:rgb(192, 192, 163)  
}
```

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(192, 192, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 192, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 15.464, 108.729 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(192, 192, 163) }
```

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

```
.border{ border-color:rgb(192, 192, 163) }
```

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

Here you see how a box with a 4 pixel rgb(192, 192, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 192, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 192, 163);  
box-shadow:4px 4px 4px 4px rgb(192, 192,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 15.464, 108.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 192, 163) }
```

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

```
.background{ background-color: rgb(192,  
192, 163) }
```

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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