

Converting Colors

CIELCh(77, 28.087, 135.751)

Have a look what the booklet for
CIELCh(77, 28.087, 135.751)
contains.

CIELCh(77, 28.437, 136.012)	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, 28.437, 136.012)

Conversions

Conversions Part 1

Format	Color
Hex	A5C899
RGB	165, 200, 153
RGB Percent	65%, 78%, 60%
CMY	0.3534, 0.2162, 0.4005
CMYK	0.18, 0.00, 0.24, 0.22
HSL	105°, 30%, 69%
HSV	105°, 24%, 78%
XYZ	41.8559, 51.5317, 37.8252
YIQ	184.1770, -5.7730, -22.0370

Conversions

Conversions Part 2

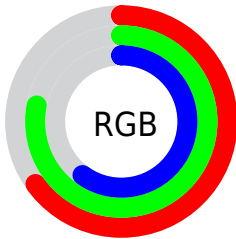
Format	Color
R _Y B	153, 200, 188
Decimal	10864793
CIE Lab	77.00, -20.46, 19.75
CIE LCh	77, 28.437, 136.012
Yxy	51.5317, 0.3190, 0.3927
Android (android.graphics.Color)	4289054873 (0xFFA5C899)
YUV	184.1770, -15.3703, -16.8182
Hunter-Lab	71.7856, -21.5471, 19.0089

Details

The CIELCh color **77, 28.437, 136.012** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 28.854, 318.138**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 27.148, 136.269**, and **57, 28.251, 135.836** is the 20% darker color. If you saturate the color by 10%, you get **76, 40.472, 135.444**, and if you desaturate by 10%, it is **78, 16.308, 136.535**.

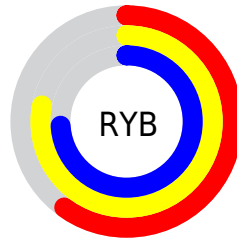
Distribution



Red (65%)

Green (78%)

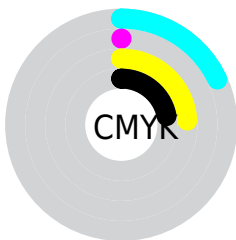
Blue (60%)



Red (60%)

Yellow (78%)

Blue (74%)

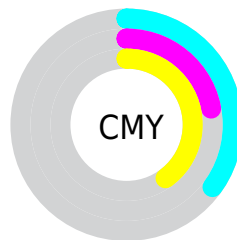


Cyan (18%)

Magenta (0%)

Yellow (24%)

Black (22%)



Cyan (35%)

Magenta (22%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 28.437, 136.012 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, 28.437, 136.012 by changing the saturation by 10% instead.

 77, 28.437,
136.012

 77, 28.437,
136.012


 100, 28.437,
136.012


 67, 28.437,
136.012


 97, 28.437,
136.012

 57, 28.437,
136.012

 47, 28.437,
136.012

 37, 28.437,
136.012

 27, 28.437,
136.012

 17, 28.437,
136.012

 7, 28.437, 136.012

■ 0, 28.437, 136.012

■ 77, 28.437,
136.012

■ 77, 28.437,
136.012

■ 76, 40.472,
135.444

■ 78, 16.308,
136.535

■ 75, 52.225,
134.843

■ 80, 4.213, 137.030

■ 74, 63.444,
134.247

■ 82, 7.752, 317.364

■ 73, 73.786,
133.719

■ 83, 19.522,
317.731

■ 72, 82.800,
133.357

■ 85, 31.050,
318.038

■ 71, 89.970,
133.289

■ 87, 34.427,
325.216

■ 87, 34.573,

■ 71, 94.864,
133.624

325.627

■ 71, 97.025,
133.963

Harmonies

Complementary

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



77, 28.437, 136.012



68, 28.854, 318.138

Rectangle

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



77, 28.437, 136.012



77, 28.437, 186.012



77, 28.437, 316.012



77, 28.437, 6.012

Sweetspot

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



77, 28.439, 136.013



99, 10.261, 136.848



76, 19.105, 93.229



52, 6.670, 136.818



0, 0.000, 0.000



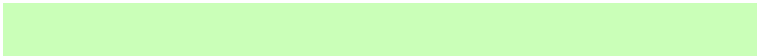
53, 0.007, 296.813

Same Dimension

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



77, 28.439, 136.013



95, 41.260, 135.740



76, 26.138, 150.001



41, 6.804, 136.738



59, 83.293, 133.796



11, 24.765, 138.440

Inverse Universe

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



68, 28.854, 318.138



81, 41.981, 318.351



69, 26.285, 333.255



39, 6.851, 317.512



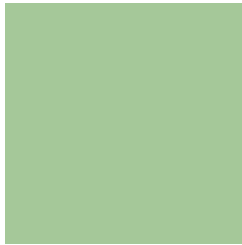
31, 85.042, 318.894



3, 23.924, 315.921

Previews

White Background



This preview shows how the CIELCh color 77, 28.437, 136.012 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, 28.437, 136.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

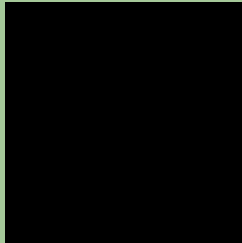
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 28.437, 136.012

Background



This preview shows how black text looks on a background with the CIELCh color 77, 28.437, 136.012.



This preview shows how white text looks on a background with the CIELCh color 77, 28.437, 136.012.

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, 28.437, 136.012

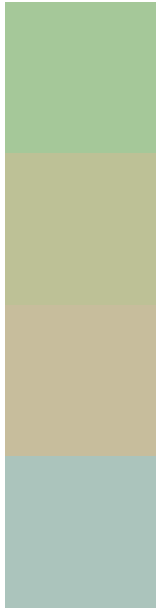
Protanopia
77, 22.495, 94.634

Deuteranopia
77, 20.178, 61.393



Tritanopia
77, 10.271, 250.941

Trichromacy



Original Color
77, 28.437, 136.012

Protanomaly
77, 22.914, 112.008

Deuteranomaly
77, 18.066, 95.819

Tritanomaly
77, 10.086, 173.455

Monochromacy



Original Color
77, 28.437, 136.012

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 10.401, 137.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 28.437, 136.012 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(165, 200, 153)` looks like.

```
.text, #text, p{  
    color:rgb(165, 200, 153)  
}
```

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(165, 200, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 200, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 28.437, 136.012 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(165, 200, 153) }
```

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

```
.border{ border-color:rgb(165, 200, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 200, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 200, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 200, 153);  
box-shadow:4px 4px 4px 4px rgb(165, 200,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 28.437, 136.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 200, 153) }
```

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

```
.background{ background-color: rgb(165,  
200, 153) }
```

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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