

Converting Colors

CIELCh(75, 30.033, 129.181)

Have a look what the booklet for
CIELCh(75, 30.033, 129.181)
contains.

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Color

CIELCh(75, 29.852, 129.185)

Conversions

Conversions Part 1

Format	Color
Hex	A5C18D
RGB	165, 193, 141
RGB Percent	65%, 76%, 55%
CMY	0.3515, 0.2417, 0.4457
CMYK	0.14, 0.00, 0.27, 0.24
HSL	92°, 30%, 66%
HSV	92°, 27%, 76%
XYZ	39.5806, 48.2781, 32.5709
YIQ	178.7000, 0.0040, -22.1080

Conversions

Conversions Part 2

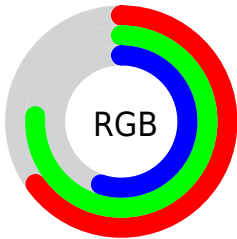
Format	Color
RYB	141, 193, 169
Decimal	10862989
CIELab	75.00, -18.86, 23.14
CIElCh	75, 29.852, 129.185
Yxy	48.2781, 0.3287, 0.4009
Android (android.graphics.Color)	4289053069 (0xFFA5C18D)
YUV	178.7000, -18.5861, -12.0149
Hunter-Lab	69.4824, -19.9121, 20.8447

Details

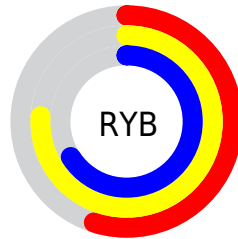
The CIELCh color $75, 29.852, 129.185$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $63, 30.877, 311.632$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 30.151, 129.649$, and $55, 29.741, 128.553$ is the 20% darker color. If you saturate the color by 10%, you get $74, 40.786, 128.703$, and if you desaturate by 10%, it is $76, 18.769, 129.664$.

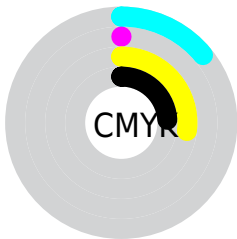
Distribution



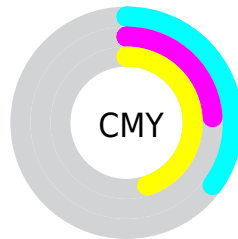
- Red (65%)
- Green (76%)
- Blue (55%)



- Red (55%)
- Yellow (76%)
- Blue (66%)



- Cyan (14%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)





- Cyan (35%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 29.852, 129.185 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 75, 29.852, 129.185 by changing the saturation by 10% instead.


 75, 29.852,
129.185


 75, 29.852,
129.185


 100, 29.852,
129.185


 65, 29.852,
129.185


 95, 29.852,
129.185

 55, 29.852,
129.185

 45, 29.852,
129.185

 35, 29.852,
129.185

 25, 29.852,
129.185

 15, 29.852,
129.185

 5, 29.852, 129.185

■ 0, 29.852, 129.185

■ 75, 29.852,
129.185

■ 75, 29.852,
129.185

■ 74, 40.786,
128.703

■ 76, 18.769,
129.664

■ 73, 51.402,
128.245

■ 77, 7.646, 130.125

■ 72, 61.469,
127.863

■ 79, 3.435, 310.489

■ 80, 14.417,
310.898

■ 72, 70.656,
127.637

■ 81, 25.260,
311.244

■ 71, 78.531,
127.677

■ 83, 34.763,
312.208

■ 70, 84.623,
128.112

■ 84, 36.020,

■ 70, 88.676,
129.013

317.666

■ 70, 89.728,
129.310

■ 85, 37.571,
322.811

■ 85, 38.645,
325.766

Harmonies

Complementary

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



75, 29.852, 129.185



63, 30.877, 311.632

Rectangle

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



75, 29.852, 129.185



75, 29.852, 179.185



75, 29.852, 309.185



75, 29.852, 359.185

Sweetspot

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



75, 29.854, 129.187



98, 11.011, 130.069



71, 18.146, 75.522



52, 7.893, 129.999



0, 0.000, 0.000



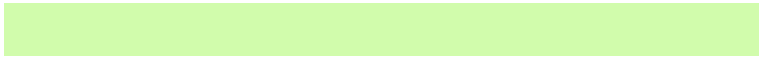
53, 0.007, 296.813

Same Dimension

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



75, 29.854, 129.187



94, 44.014, 128.915



74, 33.579, 143.509



40, 6.298, 130.012



59, 78.031, 129.088



11, 21.392, 133.738

Inverse Universe

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



63, 30.877, 311.632



77, 45.871, 311.914



65, 33.592, 326.820



38, 6.377, 310.791



25, 87.511, 312.927



2, 20.357, 306.738

Previews

White Background



This preview shows how the CIELCh color 75, 29.852, 129.185 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 75, 29.852, 129.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

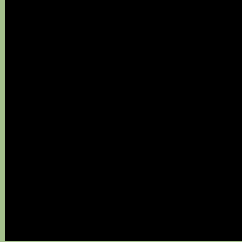
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 29.852, 129.185

Background



This preview shows how black text looks on a background with the CIELCh color 75, 29.852, 129.185.



This preview shows how white text looks on a background with the CIELCh color 75, 29.852, 129.185.

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
75, 29.852, 129.185

Protanopia
75, 25.813, 94.892

Deuteranopia
75, 23.441, 66.847



Tritanopia
75, 8.579, 261.276

Trichromacy



Original Color
75, 29.852, 129.185

Protanomaly
75, 25.614, 108.621

Deuteranomaly
75, 21.697, 92.984

Tritanomaly
75, 8.618, 160.063

Monochromacy



Original Color
75, 29.852, 129.185

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 10.968, 129.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 29.852, 129.185 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, 193, 141)` looks like.

```
.text, #text, p{  
    color:rgb(165, 193, 141)  
}
```

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, 193, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 193, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 29.852, 129.185 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, 193, 141) }
```

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

```
.border{ border-color:rgb(165, 193, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 193, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 193, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 193, 141);  
box-shadow:4px 4px 4px 4px rgb(165, 193,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 29.852, 129.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 193, 141) }
```

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

```
.background{ background-color: rgb(165,  
193, 141) }
```

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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