

Converting Colors

CIELCh(71, 28.442, 145.821)

Have a look what the booklet for
CIELCh(71, 28.442, 145.821)
contains.

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Color

CIELCh(71, 28.413, 145.831)

Conversions

Conversions Part 1

Format	Color
Hex	8BB990
RGB	139, 185, 144
RGB Percent	55%, 73%, 56%
CMY	0.4550, 0.2746, 0.4354
CMYK	0.25, 0.00, 0.22, 0.27
HSL	127°, 25%, 64%
HSV	127°, 25%, 73%
XYZ	33.0197, 42.1875, 32.7790
YIQ	166.5720, -14.2550, -22.5030

Conversions

Conversions Part 2

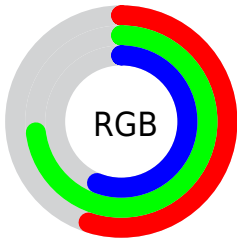
Format	Color
RYB	139, 180, 185
Decimal	9157008
CIELab	71.00, -23.51, 15.96
CIElCh	71, 28.413, 145.831
Yxy	42.1875, 0.3058, 0.3907
Android (android.graphics.Color)	4287347088 (0xFF8BB990)
YUV	166.5720, -11.1280, -24.1806
Hunter-Lab	64.9519, -22.9215, 15.5447

Details

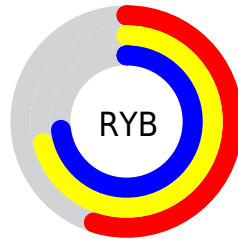
The CIELCh color $71, 28.413, 145.831$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $63, 28.461, 328.974$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $91, 28.292, 146.068$, and $51, 28.770, 145.311$ is the 20% darker color. If you saturate the color by 10%, you get $70, 39.734, 144.931$, and if you desaturate by 10%, it is $73, 16.951, 146.608$.

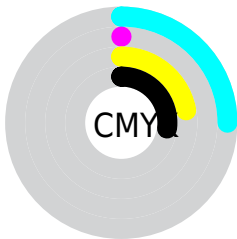
Distribution



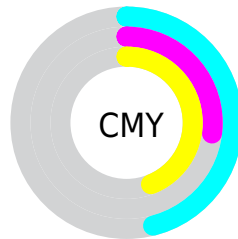
- Red (55%)
- Green (73%)
- Blue (56%)



- Red (55%)
- Yellow (71%)
- Blue (73%)



- Cyan (25%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)





- Cyan (46%)
- Magenta (27%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 28.413, 145.831 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 71, 28.413, 145.831 by changing the saturation by 10% instead.


 71, 28.413,
145.831


 71, 28.413,
145.831


 100, 28.413,
145.831


 61, 28.413,
145.831


 91, 28.413,
145.831

 51, 28.413,
145.831

 41, 28.413,
145.831

 31, 28.413,
145.831

 21, 28.413,
145.831

 11, 28.413,
145.831

 1, 28.413, 145.831

■ 0, 28.413, 145.831

■ 71, 28.413,
145.831

■ 71, 28.413,
145.831

■ 70, 39.734,
144.931

■ 73, 16.951,
146.608

■ 69, 50.695,
143.895

■ 74, 5.512, 147.301

■ 68, 61.039,
142.720

■ 76, 5.775, 327.770

■ 78, 16.822,
328.284

■ 67, 70.469,
141.423

■ 80, 27.572,
328.707

■ 66, 78.664,
140.053

■ 83, 37.990,
329.070

■ 66, 85.299,
138.697

■ 84, 43.882,

■ 66, 90.088,
137.479

325.945

■ 66, 91.854,
137.016

Harmonies

Complementary

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



71, 28.413, 145.831



63, 28.461, 328.974

Rectangle

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



71, 28.413, 145.831



71, 28.413, 195.831



71, 28.413, 325.831



71, 28.413, 15.831

Sweetspot

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



71, 28.415, 145.831



93, 9.804, 147.146



74, 24.687, 112.098



49, 6.369, 147.106



97, 0.011, 296.813



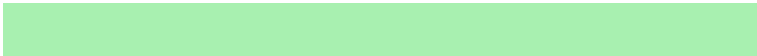
50, 0.007, 296.813

Same Dimension

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



71, 28.415, 145.831



89, 42.276, 145.341



72, 19.620, 167.080



38, 6.400, 146.995



56, 80.513, 137.172



8, 17.889, 146.661

Inverse Universe

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



63, 28.461, 328.974



77, 42.323, 329.308



63, 20.595, 351.859



36, 6.413, 328.048



36, 73.443, 333.023



3, 16.844, 329.339

Previews

White Background



This preview shows how the CIELCh color 71, 28.413, 145.831 looks on a white background.

Color Contrast Check

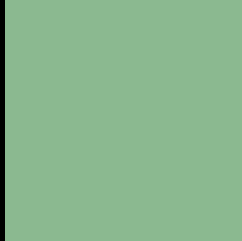
Large Text (above 18pt) WCAG AA × Fail

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 71, 28.413, 145.831 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 71, 28.413, 145.831

Background



This preview shows how black text looks on a background with the CIELCh color 71, 28.413, 145.831.



This preview shows how white text looks on a background with the CIELCh color 71, 28.413, 145.831.

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
71, 28.413, 145.831

Protanopia
71, 19.513, 94.978

Deuteranopia
71, 16.690, 58.200



Tritanopia
71, 12.969, 238.153

Trichromacy



Original Color
71, 28.413, 145.831

Protanomaly
71, 20.351, 118.344

Deuteranomaly
71, 14.702, 104.042

Tritanomaly
71, 13.403, 184.136

Monochromacy



Original Color
71, 28.413, 145.831

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 10.500, 147.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 28.413, 145.831 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(139, 185, 144)` looks like.

```
.text, #text, p{  
    color:rgb(139, 185, 144)  
}
```

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(139, 185, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 185, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 28.413, 145.831 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(139, 185, 144) }
```

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

```
.border{ border-color:rgb(139, 185, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 185, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 185, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 185, 144);  
box-shadow:4px 4px 4px 4px rgb(139, 185,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 28.413, 145.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 185, 144) }
```

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

```
.background{ background-color: rgb(139,  
185, 144) }
```

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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