

Converting Colors

CIELCh(70, 26.981, 147.377)

Have a look what the booklet for
CIELCh(70, 26.981, 147.377)
contains.

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Color

CIELCh(70, 26.962, 147.292)

Conversions

Conversions Part 1

Format	Color
Hex	89B690
RGB	137, 182, 144
RGB Percent	54%, 71%, 56%
CMY	0.4630, 0.2865, 0.4356
CMYK	0.25, 0.00, 0.21, 0.29
HSL	129°, 24%, 63%
HSV	129°, 25%, 71%
XYZ	32.0462, 40.7494, 32.5334
YIQ	164.2130, -14.6220, -21.3580

Conversions

Conversions Part 2

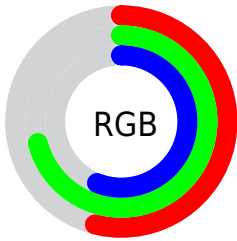
Format	Color
RYB	137, 176, 182
Decimal	9025168
CIELab	70.00, -22.69, 14.57
CIELCh	70, 26.962, 147.292
Yxy	40.7494, 0.3042, 0.3869
Android (android.graphics.Color)	4287215248 (0xFF89B690)
YUV	164.2130, -9.9650, -23.8658
Hunter-Lab	63.8353, -22.1021, 14.4677

Details

The CIELCh color $70, 26.962, 147.292$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 27.039, 330.511$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $90, 26.895, 147.462$, and $50, 26.798, 147.587$ is the 20% darker color. If you saturate the color by 10%, you get $69, 37.768, 146.378$, and if you desaturate by 10%, it is $72, 16.028, 148.083$.

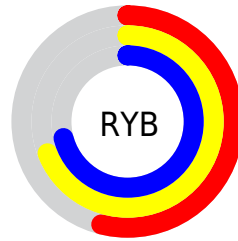
Distribution



Red (54%)

Green (71%)

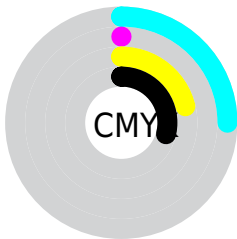
Blue (56%)



Red (54%)

Yellow (69%)

Blue (71%)

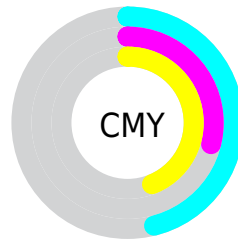


Cyan (25%)

Magenta (0%)

Yellow (21%)

Black (29%)



Cyan (46%)


Magenta (29%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 26.962, 147.292 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 70, 26.962, 147.292 by changing the saturation by 10% instead.


 70, 26.962,
147.292


 70, 26.962,
147.292


 100, 26.962,
147.292


 60, 26.962,
147.292


 90, 26.962,
147.292

 50, 26.962,
147.292

 40, 26.962,
147.292

 30, 26.962,
147.292

 20, 26.962,
147.292

 10, 26.962,
147.292

 0, 26.962, 147.292

70, 26.962,
147.292

70, 26.962,
147.292

69, 37.768,
146.378

72, 16.028,
148.083

68, 48.246,
145.323

73, 5.116, 148.793

67, 58.167,
144.119

75, 5.655, 329.270

77, 16.201,
329.802

66, 67.275,
142.771

79, 26.467,
330.244

65, 75.302,
141.311

81, 36.421,
330.626

65, 81.985,
139.804

83, 44.310,
327.377

65, 87.093,
138.357

83, 45.773,
326.009

65, 89.180,

137.730

Harmonies

Complementary

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



70, 26.962, 147.292



62, 27.039, 330.511

Rectangle

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



70, 26.962, 147.292



70, 26.962, 197.292



70, 26.962, 327.292



70, 26.962, 17.292

Sweetspot

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



70, 26.964, 147.292



92, 9.401, 148.624



72, 24.321, 114.229



49, 6.161, 148.582



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 26.964, 147.292



88, 40.530, 146.781



71, 18.568, 170.240



38, 6.190, 148.469



56, 79.101, 137.909



8, 17.466, 147.695

Inverse Universe

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



62, 27.039, 330.511



77, 40.630, 330.874



62, 19.700, 355.105



36, 6.206, 329.551



35, 70.856, 335.458



3, 16.066, 331.636

Previews

White Background



This preview shows how the CIELCh color 70, 26.962, 147.292 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 70, 26.962, 147.292 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 70, 26.962, 147.292

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.962, 147.292.

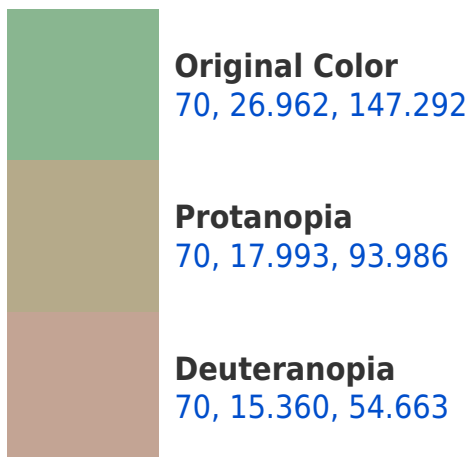


This preview shows how white text looks on a background with the CIELCh color 70, 26.962, 147.292.

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
70, 12.948, 235.212

Trichromacy



Original Color
70, 26.962, 147.292

Protanomaly
70, 18.827, 119.292

Deuteranomaly
70, 13.125, 103.634

Tritanomaly
70, 13.269, 186.376

Monochromacy



Original Color
70, 26.962, 147.292

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 10.102, 149.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.962, 147.292 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(137, 182, 144)` looks like.

```
.text, #text, p{  
    color:rgb(137, 182, 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(137, 182, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 182, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.962, 147.292 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(137, 182, 144) }
```

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

```
.border{ border-color:rgb(137, 182, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 182, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 182, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 182, 144);  
box-shadow:4px 4px 4px 4px rgb(137, 182,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.962, 147.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 182, 144) }
```

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

```
.background{ background-color: rgb(137,  
182, 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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