

Converting Colors

CIELCh(69, 18.543, 177.922)

Have a look what the booklet for
CIELCh(69, 18.543, 177.922)
contains.

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Color

CIELCh(69, 18.283, 178.543)

Conversions

Conversions Part 1

Format	Color
Hex	82B2A7
RGB	130, 178, 167
RGB Percent	51%, 70%, 65%
CMY	0.4904, 0.3022, 0.3453
CMYK	0.27, 0.00, 0.06, 0.30
HSL	166°, 24%, 60%
HSV	166°, 27%, 70%
XYZ	32.0737, 39.3444, 42.4330
YIQ	162.3940, -25.0770, -13.5970

Conversions

Conversions Part 2

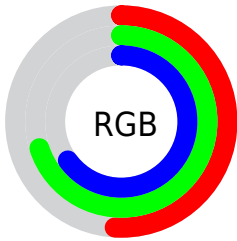
Format	Color
RYB	130, 157, 178
Decimal	8565415
CIELab	69.00, -18.28, 0.46
CIELCh	69, 18.283, 178.543
Yxy	39.3444, 0.2817, 0.3456
Android (android.graphics.Color)	4286755495 (0xFF82B2A7)
YUV	162.3940, 2.2708, -28.4095
Hunter-Lab	62.7251, -18.4952, 3.7984

Details

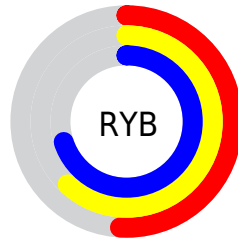
The CIELCh color $69, 18.283, 178.543$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $59, 20.210, 3.941$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 18.387, 178.255$, and $49, 18.180, 178.537$ is the 20% darker color. If you saturate the color by 10%, you get $68, 24.489, 177.478$, and if you desaturate by 10%, it is $70, 11.707, 179.540$.

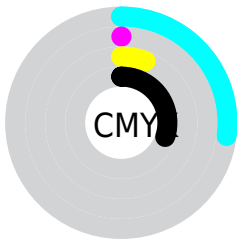
Distribution



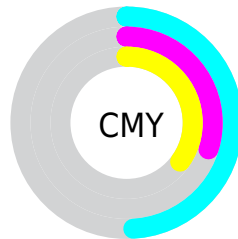
- Red (51%)
- Green (70%)
- Blue (65%)



- Red (51%)
- Yellow (62%)
- Blue (70%)



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)



- Cyan (49%)
- Magenta (30%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 18.283, 178.543 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 69, 18.283, 178.543 by changing the saturation by 10% instead.

 69, 18.283,
178.543

 69, 18.283,
178.543

 100, 18.283,
178.543

 59, 18.283,
178.543

 89, 18.283,
178.543

 49, 18.283,
178.543

 99, 18.283,
178.543

 39, 18.283,
178.543

 29, 18.283,
178.543

 19, 18.283,
178.543

 9, 18.283, 178.543

 0, 18.283, 178.543

69, 18.283,
178.543

69, 18.283,
178.543

68, 24.489,
177.478

70, 11.707,
179.540

67, 30.207,
176.332

72, 4.869, 180.524

66, 35.328,
175.082

73, 2.134, 1.096

75, 9.218, 2.103

66, 39.757,
173.704

76, 16.315, 2.932

65, 43.436,
172.176

78, 23.376, 3.717

80, 30.360, 4.469

65, 46.357,
170.477

80, 31.030, 0.733

65, 48.598,
168.611

80, 31.663,
357.011

65, 49.228,

Harmonies

Complementary

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



69, 18.283, 178.543



59, 20.210, 3.941

Rectangle

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



69, 18.283, 178.543



69, 18.283, 228.543



69, 18.283, 358.543



69, 18.283, 48.543

Sweetspot

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



69, 18.284, 178.540



91, 6.921, 180.405



69, 29.880, 136.477



48, 4.951, 180.256



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 18.284, 178.540



87, 26.590, 177.956



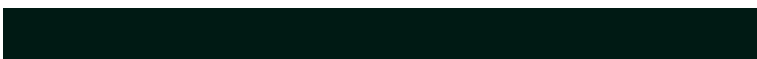
66, 13.855, 229.548



37, 3.954, 180.287



56, 43.890, 168.305



7, 10.143, 174.674

Inverse Universe

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



59, 20.210, 3.941



73, 30.062, 4.733



62, 16.392, 46.253



35, 4.088, 1.856



32, 61.871, 26.276



2, 9.485, 5.018

Previews

White Background



This preview shows how the CIELCh color 69, 18.283, 178.543 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 69, 18.283, 178.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

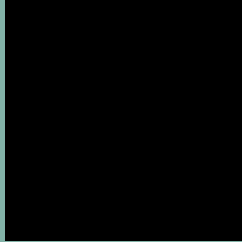
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.283, 178.543

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.283, 178.543.



This preview shows how white text looks on a background with the CIELCh color 69, 18.283, 178.543.

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](#).

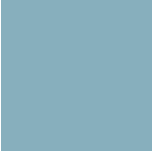
Dichromacy



Original Color
69, 18.283, 178.543

Protanopia
69, 3.792, 79.312

Deuteranopia
69, 8.559, 353.561



Tritanopia
69, 15.345, 228.720

Trichromacy



Original Color
69, 18.283, 178.543

Protanomaly
69, 6.906, 159.413

Deuteranomaly
69, 1.589, 219.847

Tritanomaly
69, 15.011, 208.865

Monochromacy



Original Color
69, 18.283, 178.543

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.084, 180.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.283, 178.543 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(130, 178, 167)` looks like.

```
.text, #text, p{  
    color:rgb(130, 178, 167)  
}
```

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(130, 178, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 178, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.283, 178.543 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(130, 178, 167) }
```

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

```
.border{ border-color:rgb(130, 178, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 178, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(130, 178,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.283, 178.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 178, 167) }
```

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

```
.background{ background-color: rgb(130,  
178, 167) }
```

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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