

Converting Colors

CIELCh(69, 22.429, 162.710)

Have a look what the booklet for
CIELCh(69, 22.429, 162.710)
contains.

CIELCh(69, 22.395, 163.277)	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(69, 22.395, 163.277)

Conversions

Conversions Part 1

Format	Color
Hex	81B39C
RGB	129, 179, 156
RGB Percent	51%, 70%, 61%
CMY	0.4938, 0.2977, 0.3880
CMYK	0.28, 0.00, 0.13, 0.30
HSL	152°, 25%, 60%
HSV	152°, 28%, 70%
XYZ	31.2052, 39.3444, 37.4331
YIQ	161.4280, -22.4170, -17.7530

Conversions

Conversions Part 2

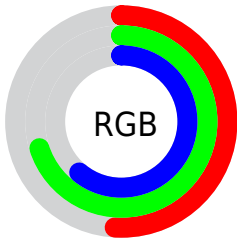
Format	Color
RYB	129, 161, 179
Decimal	8500124
CIELab	69.00, -21.45, 6.44
CIELCh	69, 22.395, 163.277
Yxy	39.3444, 0.2890, 0.3644
Android (android.graphics.Color)	4286690204 (0xFF81B39C)
YUV	161.4280, -2.6760, -28.4394
Hunter-Lab	62.7251, -20.9668, 8.5245

Details

The CIELCh color $69, 22.395, 163.277$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 23.346, 348.504$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 22.571, 162.706$, and $49, 22.296, 163.518$ is the 20% darker color. If you saturate the color by 10%, you get $68, 30.086, 162.138$, and if you desaturate by 10%, it is $70, 14.463, 164.300$.

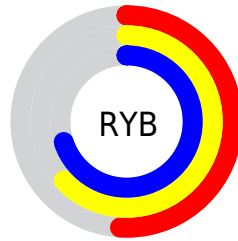
Distribution



Red (51%)

Green (70%)

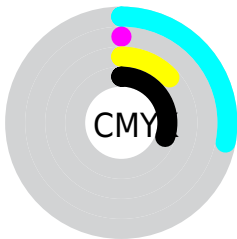
Blue (61%)



Red (51%)

Yellow (63%)

Blue (70%)

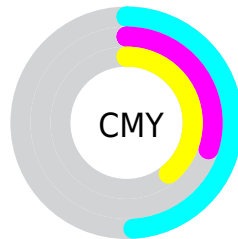


Cyan (28%)

Magenta (0%)

Yellow (13%)

Black (30%)



Cyan (49%)


Magenta (30%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 22.395, 163.277 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, 22.395, 163.277 by changing the saturation by 10% instead.

 69, 22.395,
163.277

 69, 22.395,
163.277

 100, 22.395,
163.277

 59, 22.395,
163.277


 89, 22.395,
163.277

 49, 22.395,
163.277

 99, 22.395,
163.277

 39, 22.395,
163.277

 29, 22.395,
163.277

 19, 22.395,
163.277

 9, 22.395, 163.277

 0, 22.395, 163.277

69, 22.395,
163.277

69, 22.395,
163.277

68, 30.086,
162.138

70, 14.463,
164.300

67, 37.400,
160.863

72, 6.403, 165.252

66, 44.206,
159.426

73, 1.683, 345.797

75, 9.717, 346.754

65, 50.383,
157.803

77, 17.637,
347.482

65, 55.844,
155.975

79, 25.400,
348.150

65, 60.553,
153.939

81, 32.978,
348.772

64, 64.588,
151.741

81, 35.401,
342.890

64, 65.395,

151.300

 81, 38.034,
337.624

Harmonies

Complementary

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



69, 22.395, 163.277



60, 23.346, 348.504

Rectangle

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



69, 22.395, 163.277



69, 22.395, 213.277



69, 22.395, 343.277



69, 22.395, 33.277

Sweetspot

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



69, 22.396, 163.276



90, 7.981, 165.231



70, 29.064, 128.966



48, 5.718, 165.090



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, 22.396, 163.276



86, 33.440, 162.533



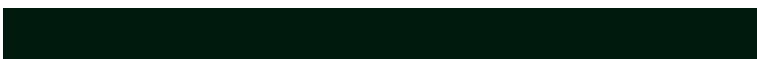
69, 16.645, 201.258



37, 4.565, 165.120



55, 57.874, 151.611



7, 11.974, 160.045

Inverse Universe

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



60, 23.346, 348.504



72, 35.188, 349.289



59, 20.135, 24.147



35, 4.633, 346.608



32, 57.681, 5.081



2, 10.378, 352.078

Previews

White Background



This preview shows how the CIELCh color 69, 22.395, 163.277 looks on a white background.

Color Contrast Check

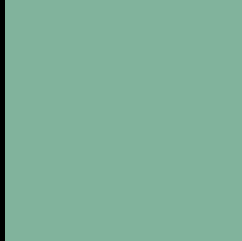
Large Text (above 18pt) WCAG AA × Fail

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, 22.395, 163.277 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, 22.395, 163.277

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.395, 163.277.



This preview shows how white text looks on a background with the CIELCh color 69, 22.395, 163.277.

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, 22.395, 163.277

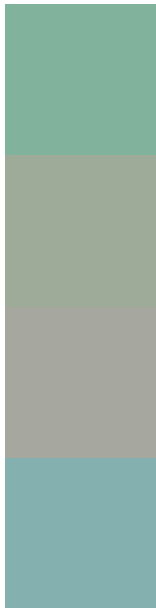
Protanopia
69, 9.819, 90.405

Deuteranopia
69, 9.851, 26.577



Tritanopia
69, 14.818, 229.983

Trichromacy



Original Color
69, 22.395, 163.277

Protanomaly
69, 11.592, 134.775

Deuteranomaly
68, 4.995, 118.511

Tritanomaly
69, 15.051, 198.195

Monochromacy



Original Color
69, 22.395, 163.277

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.130, 165.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.395, 163.277 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(129, 179, 156)` looks like.

```
.text, #text, p{  
    color:rgb(129, 179, 156)  
}
```

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(129, 179, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 179, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.395, 163.277 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(129, 179, 156) }
```

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

```
.border{ border-color:rgb(129, 179, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 179, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 179, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 179, 156);  
box-shadow:4px 4px 4px 4px rgb(129, 179,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.395, 163.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 179, 156) }
```

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

```
.background{ background-color: rgb(129,  
179, 156) }
```

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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