

Converting Colors

CIELCh(69, 24.372, 160.016)

Have a look what the booklet for
CIELCh(69, 24.372, 160.016)
contains.

CIELCh(69, 24.349, 160.032)	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, 24.349, 160.032)

Conversions

Conversions Part 1

Format	Color
Hex	80B499
RGB	128, 180, 153
RGB Percent	50%, 71%, 60%
CMY	0.4994, 0.2955, 0.4014
CMYK	0.29, 0.00, 0.15, 0.30
HSL	149°, 26%, 60%
HSV	149°, 29%, 70%
XYZ	30.8167, 39.3444, 35.9534
YIQ	161.3740, -22.3250, -19.4210

Conversions

Conversions Part 2

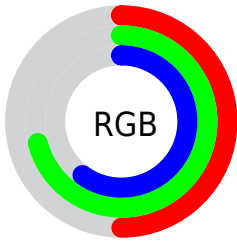
Format	Color
RYB	128, 163, 180
Decimal	8434841
CIELab	69.00, -22.89, 8.32
CIELCh	69, 24.349, 160.032
Yxy	39.3444, 0.2904, 0.3708
Android (android.graphics.Color)	4286624921 (0xFF80B499)
YUV	161.3740, -4.1284, -29.2690
Hunter-Lab	62.7251, -22.0723, 9.9232

Details

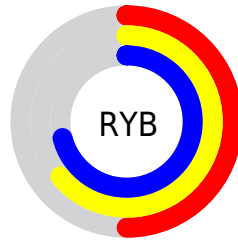
The CIELCh color **69, 24.349, 160.032** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59, 25.143, 345.214**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 24.442, 159.714**, and **49, 24.358, 159.966** is the 20% darker color. If you saturate the color by 10%, you get **68, 32.458, 158.903**, and if you desaturate by 10%, it is **70, 16.009, 161.038**.

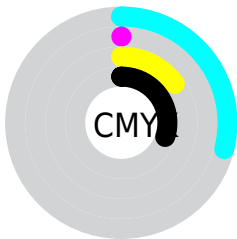
Distribution



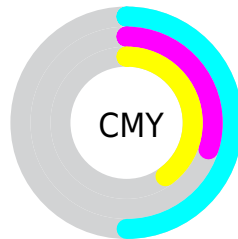
- Red (50%)
- Green (71%)
- Blue (60%)



- Red (50%)
- Yellow (64%)
- Blue (71%)



- Cyan (29%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)





- Cyan (50%)
- Magenta (30%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 24.349, 160.032 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, 24.349, 160.032 by changing the saturation by 10% instead.

 69, 24.349,
160.032


 69, 24.349,
160.032


 100, 24.349,
160.032


 59, 24.349,
160.032


 89, 24.349,
160.032

 49, 24.349,
160.032

 99, 24.349,
160.032

 39, 24.349,
160.032

 29, 24.349,
160.032

 19, 24.349,
160.032

 9, 24.349, 160.032

 0, 24.349, 160.032

69, 24.349,
160.032

69, 24.349,
160.032

68, 32.458,
158.903

70, 16.009,
161.038

67, 40.194,
157.628

72, 7.558, 161.957

66, 47.417,
156.182

73, 0.900, 342.304

65, 53.997,
154.543

75, 9.282, 343.406

65, 59.840,
152.698

77, 17.528,
344.095

65, 64.904,
150.649

79, 25.593,
344.720


64, 69.284,
148.472

81, 33.450,
345.297

64, 69.733,

81, 36.708,
339.533

148.253

 82, 39.935,
334.147

Harmonies

Complementary

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



69, 24.349, 160.032



59, 25.143, 345.214

Rectangle

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



69, 24.349, 160.032



69, 24.349, 210.032



69, 24.349, 340.032



69, 24.349, 30.032

Sweetspot

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



69, 24.350, 160.031



91, 9.452, 161.937



70, 29.687, 126.538



48, 6.564, 161.808



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, 24.350, 160.031



87, 36.377, 159.294



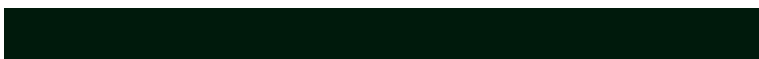
70, 17.971, 194.915



37, 4.763, 161.923



55, 61.546, 148.566



7, 12.448, 157.523

Inverse Universe

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



59, 25.143, 345.214



72, 37.804, 345.943



59, 21.566, 19.192



35, 4.818, 343.342



33, 58.181, 359.541



2, 10.724, 348.793

Previews

White Background



This preview shows how the CIELCh color 69, 24.349, 160.032 looks on a white background.

Color Contrast Check

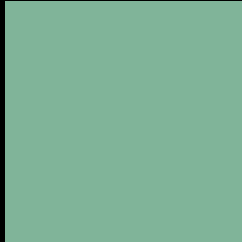
Large Text (above 18pt) WCAG AA × Fail

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, 24.349, 160.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

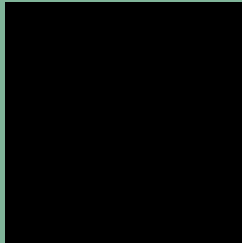
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 24.349, 160.032

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.349, 160.032.



This preview shows how white text looks on a background with the CIELCh color 69, 24.349, 160.032.

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](#).

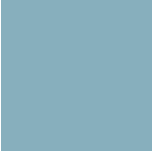
Dichromacy



Original Color
69, 24.349, 160.032

Protanopia
69, 12.032, 91.607

Deuteranopia
69, 10.806, 37.834



Tritanopia
69, 15.345, 228.720

Trichromacy



Original Color
69, 24.349, 160.032

Protanomaly
69, 14.243, 131.342

Deuteranomaly
68, 7.167, 115.650

Tritanomaly
69, 15.748, 196.126

Monochromacy



Original Color
69, 24.349, 160.032

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 9.103, 161.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.349, 160.032 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(128, 180, 153)` looks like.

```
.text, #text, p{  
    color:rgb(128, 180, 153)  
}
```

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(128, 180, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 180, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.349, 160.032 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(128, 180, 153) }
```

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

```
.border{ border-color:rgb(128, 180, 153) }
```

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

Here you see how a box with a 4 pixel rgb(128, 180, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 180, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 180, 153);  
box-shadow:4px 4px 4px 4px rgb(128, 180,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.349, 160.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 180, 153) }
```

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

```
.background{ background-color: rgb(128,  
180, 153) }
```

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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