

Converting Colors

CIELCh(69, 24.175, 164.102)

Have a look what the booklet for
CIELCh(69, 24.175, 164.102)
contains.

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Color

CIELCh(69, 24.102, 164.321)

Conversions

Conversions Part 1

Format	Color
Hex	7DB49C
RGB	125, 180, 156
RGB Percent	49%, 71%, 61%
CMY	0.5102, 0.2946, 0.3887
CMYK	0.31, 0.00, 0.13, 0.29
HSL	154°, 27%, 60%
HSV	154°, 31%, 71%
XYZ	30.7307, 39.3444, 37.3775
YIQ	160.8190, -25.0760, -19.1240

Conversions

Conversions Part 2

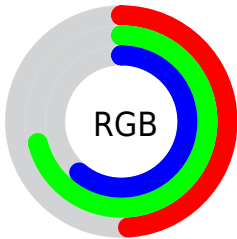
Format	Color
RYB	125, 160, 180
Decimal	8238236
CIELab	69.00, -23.21, 6.51
CIElCh	69, 24.102, 164.321
Yxy	39.3444, 0.2860, 0.3662
Android (android.graphics.Color)	4286428316 (0xFF7DB49C)
YUV	160.8190, -2.3758, -31.4133
Hunter-Lab	62.7251, -22.3171, 8.5771

Details

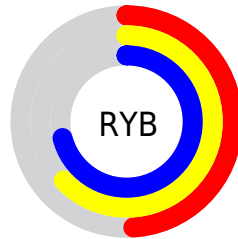
The CIELCh color **69, 24.102, 164.321** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 25.357, 350.252**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 24.234, 163.847**, and **49, 24.007, 164.385** is the 20% darker color. If you saturate the color by 10%, you get **68, 31.563, 163.142**, and if you desaturate by 10%, it is **70, 16.353, 165.381**.

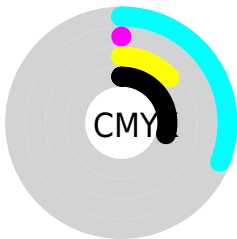
Distribution



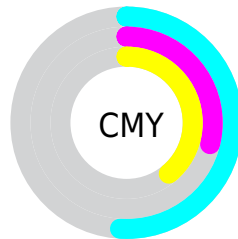
- Red (49%)
- Green (71%)
- Blue (61%)



- Red (49%)
- Yellow (63%)
- Blue (71%)



- Cyan (31%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 24.102, 164.321 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, 24.102, 164.321 by changing the saturation by 10% instead.

 69, 24.102,
164.321


 69, 24.102,
164.321


 100, 24.102,
164.321


 59, 24.102,
164.321


 89, 24.102,
164.321

 49, 24.102,
164.321

 99, 24.102,
164.321

 39, 24.102,
164.321

 29, 24.102,
164.321

 19, 24.102,
164.321

 9, 24.102, 164.321

 0, 24.102, 164.321

■ 69, 24.102,
164.321

■ 69, 24.102,
164.321

■ 68, 31.563,
163.142

■ 70, 16.353,
165.381

■ 67, 38.601,
161.823

■ 72, 8.435, 166.357

■ 73, 0.452, 168.056

■ 66, 45.089,
160.338

■ 75, 7.509, 347.927

■ 66, 50.917,
158.664

■ 77, 15.384,
348.696

■ 65, 56.013,
156.784

■ 79, 23.122,
349.396

■ 65, 60.364,
154.696

■ 81, 30.691,
350.049

■ 65, 63.935,
152.628

■ 81, 33.972,
345.482

■ 81, 36.324,
340.042

Harmonies

Complementary

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



69, 24.102, 164.321



59, 25.357, 350.252

Rectangle

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



69, 24.102, 164.321



69, 24.102, 214.321



69, 24.102, 344.321



69, 24.102, 34.321

Sweetspot

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



69, 24.103, 164.320



91, 8.910, 166.493



70, 32.056, 129.415



48, 6.186, 166.355



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, 24.103, 164.320



87, 35.877, 163.501



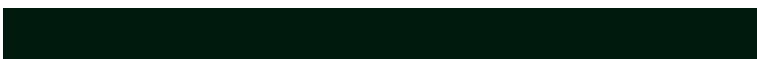
69, 17.810, 202.902



37, 4.490, 166.477



56, 56.391, 152.947



7, 11.781, 161.171

Inverse Universe

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



59, 25.357, 350.252



71, 38.167, 351.152



59, 22.023, 25.719



35, 4.563, 347.990



32, 57.662, 7.343



2, 10.256, 353.379

Previews

White Background



This preview shows how the CIELCh color 69, 24.102, 164.321 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 69, 24.102, 164.321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

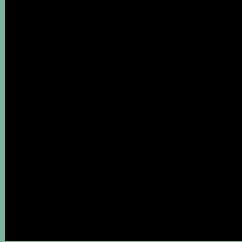
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 24.102, 164.321

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.102, 164.321.

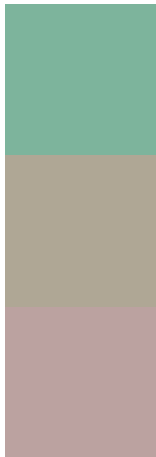


This preview shows how white text looks on a background with the CIELCh color 69, 24.102, 164.321.

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, 24.102, 164.321

Protanopia
69, 10.340, 91.292

Deuteranopia
69, 9.851, 26.577



Tritanopia
69, 16.149, 227.019

Trichromacy



Original Color
69, 24.102, 164.321

Protanomaly
69, 12.427, 136.794

Deuteranomaly
69, 5.820, 128.833

Tritanomaly
69, 16.624, 198.071

Monochromacy



Original Color
69, 24.102, 164.321

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 9.067, 165.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.102, 164.321 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(125, 180, 156)` looks like.

```
.text, #text, p{  
    color:rgb(125, 180, 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(125, 180, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 180, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.102, 164.321 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(125, 180, 156) }
```

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

```
.border{ border-color:rgb(125, 180, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 180, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 180, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 180, 156);  
box-shadow:4px 4px 4px 4px rgb(125, 180,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.102, 164.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 180, 156) }
```

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

```
.background{ background-color: rgb(125,  
180, 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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