

Converting Colors

CIELCh(56, 24.765, 218.975)

Have a look what the booklet for
CIELCh(56, 24.765, 218.975)
contains.

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Color

CIELCh(56, 24.909, 219.228)

Conversions

Conversions Part 1

Format	Color
Hex	4291A1
RGB	66, 145, 161
RGB Percent	26%, 57%, 63%
CMY	0.7420, 0.4321, 0.3694
CMYK	0.59, 0.10, 0.00, 0.37
HSL	190°, 42%, 44%
HSV	190°, 59%, 63%
XYZ	18.7469, 23.9124, 37.2594
YIQ	123.2030, -52.2200, -11.7720

Conversions

Conversions Part 2

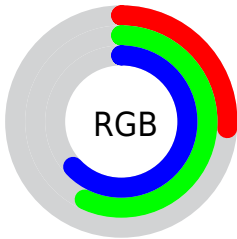
Format	Color
RYB	66, 109, 161
Decimal	4362657
CIELab	56.00, -19.30, -15.75
CIELCh	56, 24.909, 219.228
Yxy	23.9124, 0.2346, 0.2992
Android (android.graphics.Color)	4282552737 (0xFF4291A1)
YUV	123.2030, 18.6339, -50.1670
Hunter-Lab	48.9003, -17.1442, -10.9455

Details

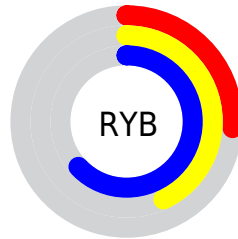
The CIELCh color **56, 24.909, 219.228** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **44, 39.487, 37.889**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 24.856, 219.636**, and **36, 23.436, 220.636** is the 20% darker color. If you saturate the color by 10%, you get **55, 27.299, 220.729**, and if you desaturate by 10%, it is **57, 21.883, 218.091**.

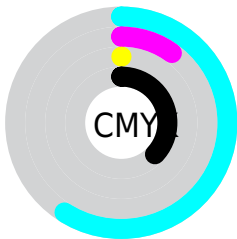
Distribution



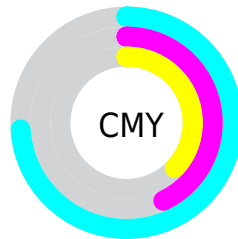
- Red (26%)
- Green (57%)
- Blue (63%)



- Red (26%)
- Yellow (43%)
- Blue (63%)



- Cyan (59%)
- Magenta (10%)
- Yellow (0%)
- Black (37%)



- Cyan (74%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 24.909, 219.228 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 56, 24.909, 219.228 by changing the saturation by 10% instead.


 56, 24.909,
219.228

 56, 24.909,
219.228


 100, 24.909,
219.228


 46, 24.909,
219.228


 76, 24.909,
219.228

 36, 24.909,
219.228

 86, 24.909,
219.228

 26, 24.909,
219.228

 96, 24.909,
219.228

 16, 24.909,
219.228

 6, 24.909, 219.228

 0, 24.909, 219.228

56, 24.909,
219.228

56, 24.909,
219.228

55, 27.299,
220.729

57, 21.883,
218.091

53, 29.035,
222.666

59, 18.274,
217.257

52, 30.143,
225.106

61, 14.155,
216.669

51, 30.787,
227.998

62, 9.604, 216.284

51, 30.845,
228.264

64, 4.700, 216.088

66, 0.484, 34.897

68, 5.883, 35.751

71, 11.443, 35.830

73, 17.117, 35.938

Harmonies

Complementary

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



56, 24.909, 219.228



44, 39.487, 37.889

Rectangle

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



56, 24.909, 219.228



56, 24.909, 269.228



56, 24.909, 39.228



56, 24.909, 89.228

Sweetspot

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



56, 24.908, 219.227



80, 11.243, 216.263



59, 55.915, 143.958



41, 7.731, 216.347



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



56, 24.908, 219.227



69, 33.954, 221.308



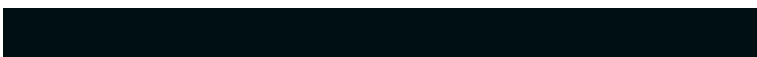
42, 38.743, 282.489



34, 2.961, 216.090



47, 28.641, 227.957



3, 4.603, 220.836

Inverse Universe

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



43, 55.206, 333.166



52, 77.679, 334.068



56, 38.676, 83.341



32, 5.578, 329.969



33, 66.827, 336.111



1, 8.369, 330.931

Previews

White Background



This preview shows how the CIELCh color 56, 24.909, 219.228 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 24.909, 219.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

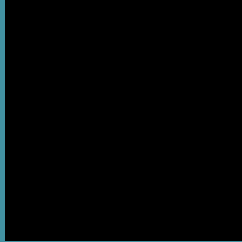
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 24.909, 219.228

Background



This preview shows how black text looks on a background with the CIELCh color 56, 24.909, 219.228.



This preview shows how white text looks on a background with the CIELCh color 56, 24.909, 219.228.

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

56, 24.909, 219.228

Protanopia

56, 12.056, 288.113

Deuteranopia

56, 18.933, 292.403



Tritanopia
56, 25.032, 213.404

Trichromacy



Original Color
56, 24.909, 219.228

Protanomaly
55, 14.769, 246.581

Deuteranomaly
55, 17.980, 258.879

Tritanomaly
56, 24.882, 214.932

Monochromacy



Original Color
56, 24.909, 219.228

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 11.038, 216.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 24.909, 219.228 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(66, 145, 161)` looks like.

```
.text, #text, p{  
    color:rgb(66, 145, 161)  
}
```

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(66, 145, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 145, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 24.909, 219.228 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(66, 145, 161) }
```

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

```
.border{ border-color:rgb(66, 145, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 145, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 145, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 145, 161);  
box-shadow:4px 4px 4px 4px rgb(66, 145,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 24.909, 219.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 145, 161) }
```

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

```
.background{ background-color: rgb(66, 145,  
161) }
```

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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