

Converting Colors

CIELCh(22, 85.388, 316.266)

Have a look what the booklet for
CIELCh(22, 85.388, 316.266)
contains.

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Color

CIELCh(24, 79.021, 315.055)

Conversions

Conversions Part 1

Format	Color
Hex	58018F
RGB	88, 1, 143
RGB Percent	35%, 0%, 56%
CMY	0.6534, 0.9978, 0.4378
CMYK	0.38, 1.00, 0.00, 0.44
HSL	277°, 99%, 28%
HSV	277°, 100%, 56%
XYZ	9.0531, 4.1002, 26.4478
YIQ	43.2010, 6.2700, 62.6060

Conversions

Conversions Part 2

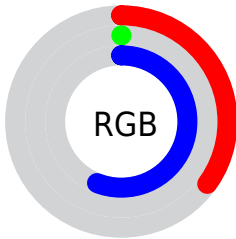
Format	Color
RYB	88, 1, 143
Decimal	5767567
CIELab	24.00, 55.93, -55.82
CIELCh	24, 79.021, 315.055
Yxy	4.1002, 0.2286, 0.1035
Android (android.graphics.Color)	4283957647 (0xFF58018F)
YUV	43.2010, 49.2009, 39.2887
Hunter-Lab	20.2490, 44.3694, -63.2663

Details

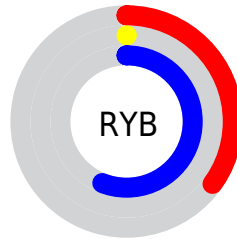
The CIELCh color **24, 79.021, 315.055** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **52, 73.170, 131.016**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 78.987, 315.044**, and **9, 60.225, 309.610** is the 20% darker color. If you saturate the color by 10%, you get **24, 79.178, 315.041**, and if you desaturate by 10%, it is **26, 75.172, 315.493**.

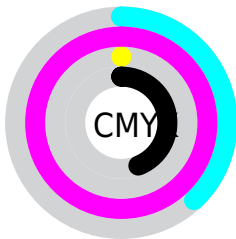
Distribution



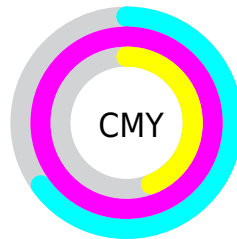
- Red (35%)
- Green (0%)
- Blue (56%)



- Red (35%)
- Yellow (0%)
- Blue (56%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)





- Cyan (65%)
- Magenta (100%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 79.021, 315.055 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 24, 79.021, 315.055 by changing the saturation by 10% instead.

 24, 79.021,
315.055


 24, 79.021,
315.055

 100, 79.021,
315.055


 14, 79.021,
315.055


 44, 79.021,
315.055


 4, 79.021, 315.055

 54, 79.021,
315.055

 0, 79.021, 315.055

 64, 79.021,
315.055

 74, 79.021,
315.055

 84, 79.021,
315.055

 94, 79.021,

315.055

■ 24, 79.021,
315.055

■ 24, 79.021,
315.055

■ 24, 79.178,
315.041

■ 26, 75.172,
315.493

■ 28, 69.834,
315.717

■ 31, 62.806,
315.674

■ 35, 54.597,
315.443

■ 39, 45.680,
315.093

■ 43, 36.415,
314.678

■ 47, 27.050,
314.235

■ 51, 17.745,
313.790

■ 55, 8.596, 313.355

Harmonies

Complementary

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



24, 79.021, 315.055



52, 73.170, 131.016

Rectangle

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



24, 79.021, 315.055



24, 79.021, 5.055



24, 79.021, 135.055



24, 79.021, 185.055

Sweetspot

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



24, 79.021, 315.055



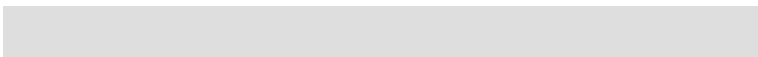
59, 33.948, 314.281



27, 55.456, 291.423



29, 23.406, 314.450



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



24, 79.021, 315.055



32, 96.126, 314.818



33, 69.627, 332.545



28, 5.035, 313.337



22, 75.820, 315.099



0, 3.366, 312.978

Inverse Universe

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



30, 55.157, 11.760



39, 67.154, 13.150



52, 75.800, 137.164



28, 3.673, 351.101



28, 52.908, 11.616



1, 2.445, 350.341

Previews

White Background



This preview shows how the CIE LCh color 24, 79.021, 315.055 looks on a white 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

Black Background



This preview shows how the CIELCh color 24, 79.021, 315.055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

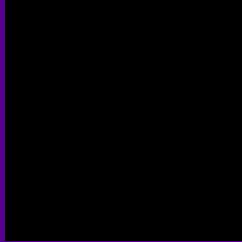
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 79.021, 315.055

Background



This preview shows how black text looks on a background with the CIELCh color 24, 79.021, 315.055.



This preview shows how white text looks on a background with the CIELCh color 24, 79.021, 315.055.

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

24, 78.787, 315.005

Protanopia

25, 42.376, 284.676

Deuteranopia

25, 29.997, 270.755



Tritanopia
25, 7.852, 1.534

Trichromacy



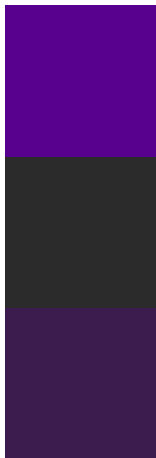
Original Color
24, 78.787, 315.005

Protanomaly
21, 61.300, 300.844

Deuteranomaly
21, 52.657, 298.714

Tritanomaly
22, 38.125, 320.397

Monochromacy



Original Color
24, 78.787, 315.005

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 36.203, 315.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 79.021, 315.055 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(88, 1, 143)` looks like.

```
.text, #text, p{  
    color:rgb(88, 1, 143)  
}
```

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(88, 1, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 1, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 79.021, 315.055 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(88, 1, 143) }
```

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

```
.border{ border-color:rgb(88, 1, 143) }
```

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

Here you see how a box with a 4 pixel rgb(88, 1, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 1, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 1, 143);  
box-shadow:4px 4px 4px 4px rgb(88, 1, 143)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 79.021, 315.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 1, 143) }
```

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

```
.background{ background-color: rgb(88, 1,  
143) }
```

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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