

Converting Colors

CIELCh(24, 56.217, 333.993)

Have a look what the booklet for
CIELCh(24, 56.217, 333.993)
contains.

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Color

CIELCh(24, 56.147, 333.794)

Conversions

Conversions Part 1

Format	Color
Hex	6D005F
RGB	109, 0, 95
RGB Percent	43%, 0%, 37%
CMY	0.5718, 0.9987, 0.6267
CMYK	0.00, 1.00, 0.13, 0.57
HSL	308°, 99%, 21%
HSV	308°, 100%, 43%
XYZ	8.4084, 4.1002, 11.2182
YIQ	43.4210, 34.4690, 52.6530

Conversions

Conversions Part 2

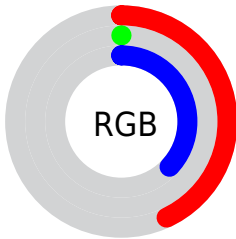
Format	Color
RYB	109, 0, 95
Decimal	7143519
CIELab	24.00, 50.38, -24.79
CIElCh	24, 56.147, 333.794
Yxy	4.1002, 0.3544, 0.1728
Android (android.graphics.Color)	4285333599 (0xFF6D005F)
YUV	43.4210, 25.4284, 57.5128
Hunter-Lab	20.2490, 38.6865, -18.6732

Details

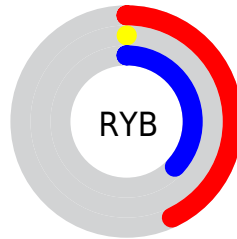
The CIELCh color **24, 56.147, 333.794** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **40, 61.111, 137.980**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 56.015, 333.833**, and **10, 35.831, 335.229** is the 20% darker color. If you saturate the color by 10%, you get **24, 56.206, 333.810**, and if you desaturate by 10%, it is **25, 54.166, 333.236**.

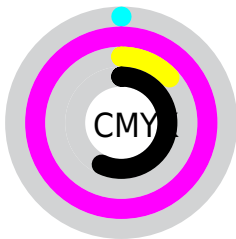
Distribution



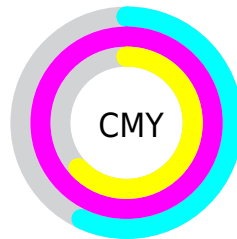
- Red (43%)
- Green (0%)
- Blue (37%)



- Red (43%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (57%)





- Cyan (57%)
- Magenta (100%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 56.147, 333.794 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, 56.147, 333.794 by changing the saturation by 10% instead.

 24, 56.147,
333.794

 24, 56.147,
333.794

 100, 56.147,
333.794

 14, 56.147,
333.794


 44, 56.147,
333.794


 4, 56.147, 333.794

 54, 56.147,
333.794

 0, 56.147, 333.794

 64, 56.147,
333.794

 74, 56.147,
333.794

 84, 56.147,
333.794

 94, 56.147,

333.794

■ 24, 56.147,
333.794

■ 24, 56.147,
333.794

■ 24, 56.206,
333.810

■ 25, 54.166,
333.236

■ 26, 51.378,
332.676

■ 27, 47.230,
332.120

■ 29, 41.924,
331.559

■ 32, 35.733,
330.989

■ 34, 28.935,
330.412

■ 37, 21.772,
329.832

■ 40, 14.440,
329.253

■ 43, 7.080, 328.673

Harmonies

Complementary

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



24, 56.147, 333.794



40, 61.111, 137.980

Rectangle

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



24, 56.147, 333.794



24, 56.147, 23.794



24, 56.147, 153.794



24, 56.147, 203.794

Sweetspot

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



24, 56.145, 333.794



48, 27.394, 329.897



11, 70.729, 306.893



23, 18.535, 330.079



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



24, 56.145, 333.794



32, 67.986, 333.986



22, 45.248, 10.392



21, 4.033, 328.628



26, 59.098, 333.861



56, 101.122, 334.242

Inverse Universe

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



24, 56.145, 333.794



32, 67.986, 333.986



40, 40.928, 157.087



21, 4.033, 328.628



26, 59.098, 333.861



56, 101.122, 334.242

Previews

White Background



This preview shows how the CIELCh color 24, 56.147, 333.794 looks on a white background.

Color Contrast Check

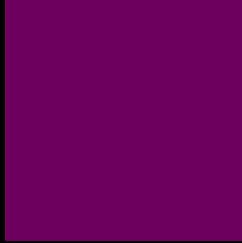
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 24, 56.147, 333.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

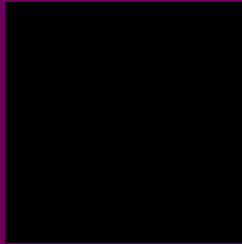
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 56.147, 333.794

Background



This preview shows how black text looks on a background with the CIELCh color 24, 56.147, 333.794.



This preview shows how white text looks on a background with the CIELCh color 24, 56.147, 333.794.

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, 56.147, 333.794

Protanopia

26, 42.913, 284.720

Deuteranopia

26, 19.266, 282.306



Tritanopia
25, 33.323, 24.523

Trichromacy



Original Color
24, 56.147, 333.794

Protanomaly
20, 50.792, 300.823

Deuteranomaly
22, 36.859, 315.544

Tritanomaly
24, 38.847, 357.904

Monochromacy



Original Color
24, 56.147, 333.794

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 28.322, 331.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 56.147, 333.794 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(109, 0, 95)` looks like.

```
.text, #text, p{  
    color:rgb(109, 0, 95)  
}
```

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(109, 0, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 0, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 56.147, 333.794 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(109, 0, 95) }
```

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

```
.border{ border-color:rgb(109, 0, 95) }
```

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

Here you see how a box with a 4 pixel rgb(109, 0, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 0, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 0, 95);  
box-shadow:4px 4px 4px 4px rgb(109, 0, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 56.147, 333.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 0, 95) }
```

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

```
.background{ background-color: rgb(109, 0,  
95) }
```

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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