

Converting Colors

CIELCh(17, 80.163, 333.822)

Have a look what the booklet for
CIELCh(17, 80.163, 333.822)
contains.

CIELCh(24, 55.767, 334.251)	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(24, 55.767, 334.251)

Conversions

Conversions Part 1

Format	Color
Hex	6D015E
RGB	109, 1, 94
RGB Percent	43%, 0%, 37%
CMY	0.5711, 0.9977, 0.6301
CMYK	0.00, 0.99, 0.14, 0.57
HSL	308°, 99%, 22%
HSV	308°, 99%, 43%
XYZ	8.3919, 4.1002, 11.0157
YIQ	43.8940, 34.5150, 51.8190

Conversions

Conversions Part 2

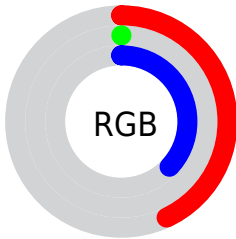
Format	Color
R_{YB}	109, 1, 94
Decimal	7143774
CIE _{Lab}	24.00, 50.23, -24.23
CIE _{LCh}	24, 55.767, 334.251
Yxy	4.1002, 0.3570, 0.1744
Android (android.graphics.Color)	4285333854 (0xFF6D015E)
YUV	43.8940, 24.7023, 57.0980
Hunter-Lab	20.2490, 38.5407, -18.0801

Details

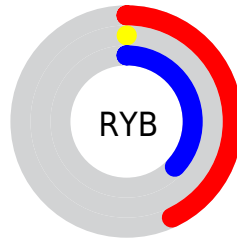
The CIELCh color **24, 55.767, 334.251** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **40, 60.861, 138.166**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 55.635, 334.252**, and **10, 35.424, 336.061** is the 20% darker color. If you saturate the color by 10%, you get **24, 55.871, 334.282**, and if you desaturate by 10%, it is **25, 53.816, 333.653**.

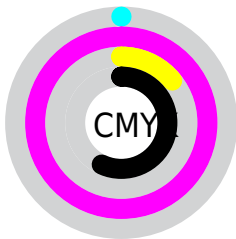
Distribution



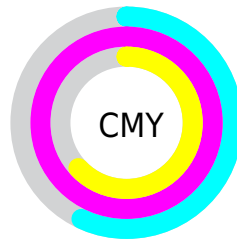
- Red (43%)
- Green (0%)
- Blue (37%)



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



- Cyan (0%)
- Magenta (99%)
- Yellow (14%)
- Black (57%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 55.767, 334.251 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, 55.767, 334.251 by changing the saturation by 10% instead.

 24, 55.767,
334.251


 24, 55.767,
334.251

 100, 55.767,
334.251


 14, 55.767,
334.251


 44, 55.767,
334.251


 4, 55.767, 334.251

 54, 55.767,
334.251

 0, 55.767, 334.251

 64, 55.767,
334.251

 74, 55.767,
334.251

 84, 55.767,
334.251

 94, 55.767,

334.251

■ 24, 55.767,
334.251

■ 24, 55.767,
334.251

■ 24, 55.871,
334.282

■ 25, 53.816,
333.653

■ 26, 51.024,
333.059

■ 28, 46.876,
332.476

■ 29, 41.576,
331.895

■ 32, 35.399,
331.310

■ 34, 28.623,
330.722

■ 37, 21.491,
330.133

■ 40, 14.195,
329.548

■ 43, 6.875, 328.963

Harmonies

Complementary

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



24, 55.767, 334.251



40, 60.861, 138.166

Rectangle

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



24, 55.767, 334.251



24, 55.767, 24.251



24, 55.767, 154.251



24, 55.767, 204.251

Sweetspot

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



24, 55.765, 334.251



48, 27.216, 330.213



11, 70.541, 306.973



23, 18.416, 330.397



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, 55.765, 334.251



32, 67.500, 334.473



22, 45.347, 11.857



21, 4.007, 328.931



26, 58.684, 334.336



56, 100.373, 334.753

Inverse Universe

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



24, 55.765, 334.251



32, 67.500, 334.473



40, 40.136, 158.226



21, 4.007, 328.931



26, 58.684, 334.336



56, 100.373, 334.753

Previews

White Background



This preview shows how the CIE LCh color 24, 55.767, 334.251 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, 55.767, 334.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

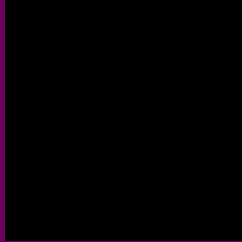
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 55.767, 334.251

Background



This preview shows how black text looks on a background with the CIELCh color 24, 55.767, 334.251.



This preview shows how white text looks on a background with the CIELCh color 24, 55.767, 334.251.

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, 55.530, 334.261

Protanopia

26, 42.913, 284.720

Deuteranopia

26, 19.266, 282.306



Tritanopia
25, 33.520, 25.580

Trichromacy



Original Color
24, 55.530, 334.261

Protanomaly
20, 50.179, 300.758

Deuteranomaly
22, 36.859, 315.544

Tritanomaly
24, 38.718, 358.838

Monochromacy



Original Color
24, 55.530, 334.261

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 27.850, 332.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 55.767, 334.251 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, 1, 94)` looks like.

```
.text, #text, p{  
    color:rgb(109, 1, 94)  
}
```

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, 1, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 1, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 55.767, 334.251 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, 1, 94) }
```

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

```
.border{ border-color:rgb(109, 1, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 1, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 1, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 1, 94);  
box-shadow:4px 4px 4px 4px rgb(109, 1, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 55.767, 334.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 1, 94) }
```

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

```
.background{ background-color: rgb(109, 1,  
94) }
```

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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