

Converting Colors

CIELCh(24, 57.375, 331.642)

Have a look what the booklet for
CIELCh(24, 57.375, 331.642)
contains.

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Color

CIELCh(24, 57.456, 331.665)

Conversions

Conversions Part 1

Format	Color
Hex	6C0163
RGB	108, 1, 99
RGB Percent	42%, 0%, 39%
CMY	0.5768, 0.9966, 0.6121
CMYK	0.00, 0.99, 0.08, 0.58
HSL	305°, 98%, 21%
HSV	305°, 99%, 42%
XYZ	8.4306, 4.1002, 12.1305
YIQ	44.1650, 32.3140, 53.1620

Conversions

Conversions Part 2

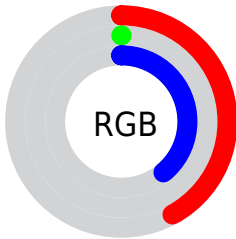
Format	Color
R_{YB}	108, 1, 99
Decimal	7078243
CIE _{Lab}	24.00, 50.57, -27.27
CIE _{LCh}	24, 57.456, 331.665
Yxy	4.1002, 0.3419, 0.1663
Android (android.graphics.Color)	4285268323 (0xFF6C0163)
YUV	44.1650, 27.0337, 55.9833
Hunter-Lab	20.2490, 38.8826, -21.3443

Details

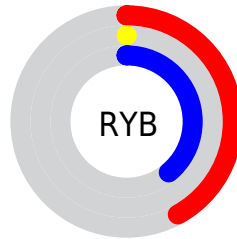
The CIELCh color $24, 57.456, 331.665$ is a dark color, and the websafe version is hex 660066 . A complement of this color would be $39, 61.475, 137.318$, and the grayscale version is $18, 0.003, 296.813$.

A 20% lighter version of the original color is $44, 57.437, 331.876$, and $10, 37.525, 331.496$ is the 20% darker color. If you saturate the color by 10%, you get $24, 57.630, 331.696$, and if you desaturate by 10%, it is $25, 55.312, 331.276$.

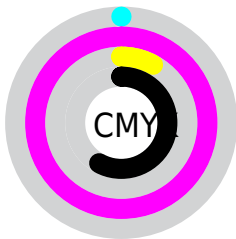
Distribution



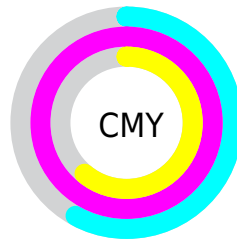
- Red (42%)
- Green (0%)
- Blue (39%)



- Red (42%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (99%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 57.456, 331.665 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, 57.456, 331.665 by changing the saturation by 10% instead.

 24, 57.456,
331.665

 24, 57.456,
331.665

 100, 57.456,
331.665

 14, 57.456,
331.665


 44, 57.456,
331.665

 4, 57.456, 331.665

 54, 57.456,
331.665

 0, 57.456, 331.665

 64, 57.456,
331.665

 74, 57.456,
331.665

 84, 57.456,
331.665

 94, 57.456,

331.665

■ 24, 57.456,
331.665

■ 24, 57.456,
331.665

■ 24, 57.630,
331.696

■ 25, 55.312,
331.276

■ 26, 52.314,
330.865

■ 27, 47.975,
330.423

■ 29, 42.494,
329.948

■ 32, 36.137,
329.443

■ 34, 29.179,
328.915

■ 37, 21.859,
328.371

■ 40, 14.371,
327.820

■ 43, 6.857, 327.262

Harmonies

Complementary

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



24, 57.456, 331.665



39, 61.475, 137.318

Rectangle

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



24, 57.456, 331.665



24, 57.456, 21.665



24, 57.456, 151.665



24, 57.456, 201.665

Sweetspot

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



24, 57.454, 331.665



47, 27.832, 328.460



10, 70.026, 306.619



23, 19.110, 328.633



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, 57.454, 331.665



32, 69.445, 331.799



22, 44.638, 7.061



21, 4.161, 327.248



26, 61.118, 331.731



57, 104.780, 331.957

Inverse Universe

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



24, 57.454, 331.665



32, 69.445, 331.799



40, 41.977, 155.123



21, 4.161, 327.248



26, 61.118, 331.731



57, 104.780, 331.957

Previews

White Background



This preview shows how the CIELCh color 24, 57.456, 331.665 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, 57.456, 331.665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

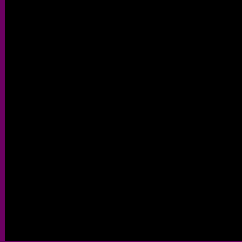
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 57.456, 331.665

Background



This preview shows how black text looks on a background with the CIELCh color 24, 57.456, 331.665.



This preview shows how white text looks on a background with the CIELCh color 24, 57.456, 331.665.

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, 57.456, 331.665

Protanopia

26, 42.913, 284.720

Deuteranopia

26, 21.996, 281.247



Tritanopia
25, 31.457, 24.735

Trichromacy



Original Color
24, 57.456, 331.665

Protanomaly
20, 51.431, 300.652

Deuteranomaly
22, 39.054, 312.682

Tritanomaly
24, 38.171, 355.316

Monochromacy



Original Color
24, 57.456, 331.665

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 28.638, 329.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 57.456, 331.665 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(108, 1, 99)` looks like.

```
.text, #text, p{  
    color:rgb(108, 1, 99)  
}
```

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(108, 1, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 1, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 57.456, 331.665 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(108, 1, 99) }
```

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

```
.border{ border-color:rgb(108, 1, 99) }
```

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

Here you see how a box with a 4 pixel rgb(108, 1, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 1, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 1, 99);  
box-shadow:4px 4px 4px 4px rgb(108, 1, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 57.456, 331.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 1, 99) }
```

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

```
.background{ background-color: rgb(108, 1,  
99) }
```

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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