

Converting Colors

CIELCh(24, 60.007, 328.212)

Have a look what the booklet for
CIELCh(24, 60.007, 328.212)
contains.

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Color

CIELCh(24, 60.120, 328.206)

Conversions

Conversions Part 1

Format	Color
Hex	6A016A
RGB	106, 1, 106
RGB Percent	42%, 0%, 42%
CMY	0.5859, 0.9948, 0.5858
CMYK	0.00, 0.99, 0.00, 0.59
HSL	300°, 98%, 21%
HSV	300°, 99%, 41%
XYZ	8.4905, 4.1002, 13.8737
YIQ	44.3650, 28.8750, 54.9150

Conversions

Conversions Part 2

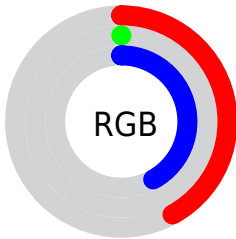
Format	Color
RYB	106, 1, 106
Decimal	6947178
CIELab	24.00, 51.10, -31.68
CIELCh	24, 60.120, 328.206
Yxy	4.1002, 0.3208, 0.1549
Android (android.graphics.Color)	4285137258 (0xFF6A016A)
YUV	44.3650, 30.3861, 54.0539
Hunter-Lab	20.2490, 39.4105, -26.4485

Details

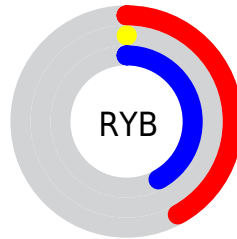
The CIELCh color **24, 60.120, 328.206** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **38, 62.247, 136.111**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 60.495, 328.330**, and **10, 40.363, 326.473** is the 20% darker color. If you saturate the color by 10%, you get **24, 60.436, 328.224**, and if you desaturate by 10%, it is **25, 57.649, 328.066**.

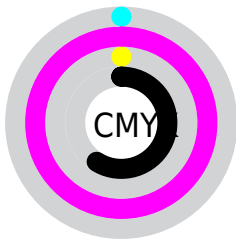
Distribution



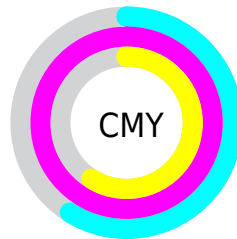
- Red (42%)
- Green (0%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (99%)
- Yellow (0%)
- Black (59%)




- Cyan (59%)
- Magenta (99%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 60.120, 328.206 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, 60.120, 328.206 by changing the saturation by 10% instead.

 24, 60.120,
328.206

 24, 60.120,
328.206

 100, 60.120,
328.206


 14, 60.120,
328.206


 44, 60.120,
328.206

 4, 60.120, 328.206

 54, 60.120,
328.206

 0, 60.120, 328.206

 64, 60.120,
328.206

 74, 60.120,
328.206

 84, 60.120,
328.206

 94, 60.120,

328.206

■ 24, 60.120,
328.206

■ 24, 60.120,
328.206

■ 24, 60.436,
328.224

■ 25, 57.649,
328.066

■ 26, 54.307,
327.874

■ 27, 49.654,
327.601

■ 29, 43.877,
327.255

■ 31, 37.232,
326.846

■ 34, 29.983,
326.390

■ 36, 22.370,
325.901

■ 39, 14.586,
325.390

■ 42, 6.773, 324.862

Harmonies

Complementary

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



24, 60.120, 328.206



38, 62.247, 136.111

Rectangle

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



24, 60.120, 328.206



24, 60.120, 18.206



24, 60.120, 148.206



24, 60.120, 198.206

Sweetspot

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



24, 60.119, 328.206



46, 29.016, 326.006



10, 68.214, 305.690



22, 19.619, 326.156



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



24, 60.119, 328.206



32, 73.089, 328.224



21, 44.478, 357.823



21, 4.407, 324.875



27, 65.115, 328.224



58, 112.049, 328.223

Inverse Universe

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



20, 51.564, 36.232



28, 65.119, 38.920



39, 45.724, 149.832



21, 2.547, 19.833



23, 56.946, 37.569



51, 101.382, 39.993

Previews

White Background



This preview shows how the CIELCh color 24, 60.120, 328.206 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, 60.120, 328.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

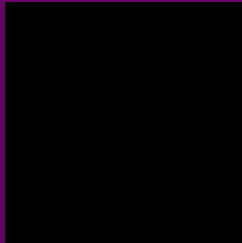
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 60.120, 328.206

Background



This preview shows how black text looks on a background with the CIELCh color 24, 60.120, 328.206.



This preview shows how white text looks on a background with the CIELCh color 24, 60.120, 328.206.

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, 60.356, 328.219

Protanopia

25, 43.583, 285.460

Deuteranopia

26, 25.586, 277.914



Tritanopia
25, 28.739, 22.491

Trichromacy



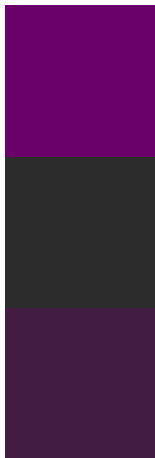
Original Color
24, 60.356, 328.219

Protanomaly
20, 53.369, 300.961

Deuteranomaly
22, 41.814, 307.800

Tritanomaly
23, 37.289, 350.550

Monochromacy



Original Color
24, 60.356, 328.219

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 29.492, 327.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 60.120, 328.206 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(106, 1, 106)` looks like.

```
.text, #text, p{  
    color:rgb(106, 1, 106)  
}
```

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(106, 1, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 1, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 60.120, 328.206 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(106, 1, 106) }
```

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

```
.border{ border-color:rgb(106, 1, 106) }
```

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

Here you see how a box with a 4 pixel rgb(106, 1, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 1, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 1, 106);  
box-shadow:4px 4px 4px 4px rgb(106, 1,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 60.120, 328.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 1, 106) }
```

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

```
.background{ background-color: rgb(106, 1,  
106) }
```

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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