

Converting Colors

CIELCh(24, 52.106, 28.329)

Have a look what the booklet for
CIELCh(24, 52.106, 28.329) contains.

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Color

CIELCh(24, 52.061, 28.349)

Conversions

Conversions Part 1

Format	Color
Hex	780317
RGB	120, 3, 23
RGB Percent	47%, 1%, 9%
CMY	0.5301, 0.9893, 0.9103
CMYK	0.00, 0.98, 0.81, 0.53
HSL	350°, 96%, 24%
HSV	350°, 98%, 47%
XYZ	7.9028, 4.1002, 1.1788
YIQ	40.2630, 63.3120, 31.0240

Conversions

Conversions Part 2

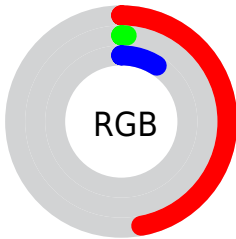
Format	Color
R_{YB}	120, 3, 23
Decimal	7865111
CIE Lab	24.00, 45.82, 24.72
CIE LCh	24, 52.061, 28.349
Yxy	4.1002, 0.5995, 0.3111
Android (android.graphics.Color)	4286055191 (0xFF780317)
YUV	40.2630, -8.5107, 69.9293
Hunter-Lab	20.2490, 34.2292, 10.7226

Details

The CIELCh color **24, 52.061, 28.349** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **45, 33.718, 174.796**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 52.083, 28.167**, and **9, 33.023, 26.881** is the 20% darker color. If you saturate the color by 10%, you get **24, 53.075, 29.265**, and if you desaturate by 10%, it is **25, 47.828, 23.843**.

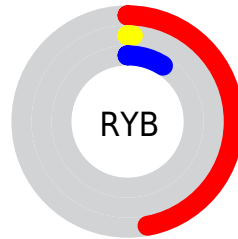
Distribution



Red (47%)

Green (1%)

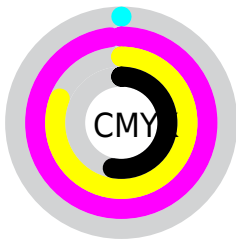
Blue (9%)



Red (47%)

Yellow (1%)

Blue (9%)

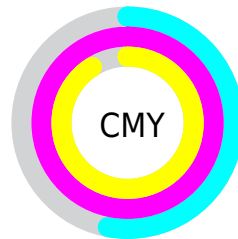


Cyan (0%)

Magenta (98%)

Yellow (81%)

Black (53%)



Cyan (53%)

Magenta (99%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 52.061, 28.349 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, 52.061, 28.349 by changing the saturation by 10% instead.

■ 24, 52.061, 28.349

■ 24, 52.061, 28.349

■ 100, 52.061,
28.349

■ 14, 52.061, 28.349

■ 44, 52.061, 28.349

■ 4, 52.061, 28.349

■ 54, 52.061, 28.349

■ 0, 52.061, 28.349

■ 64, 52.061, 28.349

■ 74, 52.061, 28.349

■ 84, 52.061, 28.349

■ 94, 52.061, 28.349

■ 24, 52.061, 28.349

■ 24, 52.061, 28.349

24, 53.075, 29.265

25, 47.828, 23.843

27, 43.194, 19.696

29, 37.989, 16.291

31, 32.358, 13.564

34, 26.500, 11.389

37, 20.605, 9.641

40, 14.820, 8.215

44, 9.241, 7.026

48, 3.919, 5.986

Harmonies

Complementary

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



24, 52.061, 28.349



45, 33.718, 174.796

Rectangle

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



24, 52.061, 28.349



24, 52.061, 78.349



24, 52.061, 208.349



24, 52.061, 258.349

Sweetspot

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



24, 52.059, 28.351



51, 19.291, 8.479



24, 66.454, 321.582



25, 13.443, 8.964



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



24, 52.059, 28.351



32, 64.974, 30.714



28, 51.031, 49.052



23, 2.820, 6.119



24, 53.956, 29.399



52, 94.199, 32.526

Inverse Universe

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



24, 52.059, 28.351



32, 64.974, 30.714



33, 27.817, 256.105



23, 2.820, 6.119



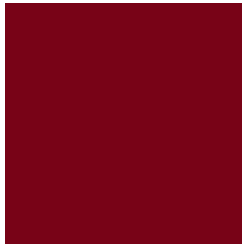
24, 53.956, 29.399



52, 94.199, 32.526

Previews

White Background



This preview shows how the CIE LCh color 24, 52.061, 28.349 looks on a white background.

Color Contrast Check

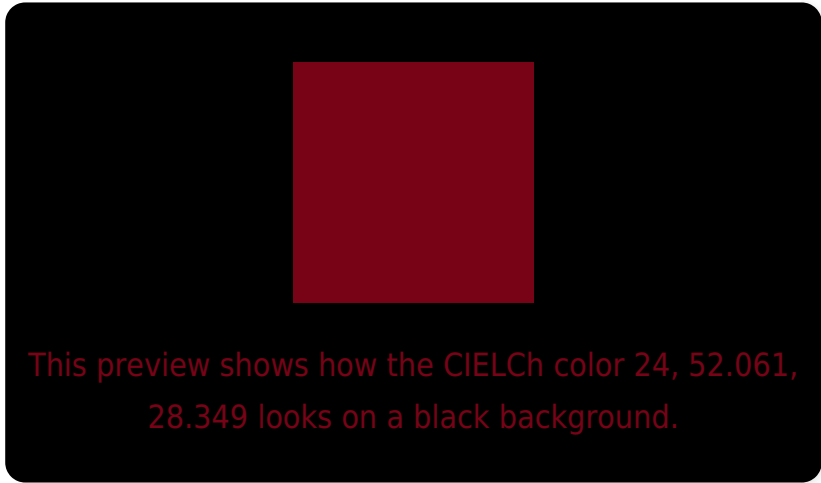
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 52.061, 28.349

Background



This preview shows how black text looks on a background with the CIELCh color 24, 52.061, 28.349.



This preview shows how white text looks on a background with the CIELCh color 24, 52.061, 28.349.

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, 52.061, 28.349

Protanopia

26, 16.339, 97.765

Deuteranopia

26, 29.495, 84.708



Tritanopia
24, 56.377, 39.759

Trichromacy



Original Color
24, 52.061, 28.349

Protanomaly
22, 25.696, 37.606

Deuteranomaly
23, 34.292, 47.272

Tritanomaly
24, 54.878, 36.502

Monochromacy



Original Color
24, 52.061, 28.349

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 22.118, 12.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 52.061, 28.349 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(120, 3, 23)` looks like.

```
.text, #text, p{  
    color:rgb(120, 3, 23)  
}
```

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(120, 3, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 3, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 52.061, 28.349 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(120, 3, 23) }
```

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

```
.border{ border-color:rgb(120, 3, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 3, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 3, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 3, 23);  
box-shadow:4px 4px 4px 4px rgb(120, 3, 23)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 52.061, 28.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 3, 23) }
```

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

```
.background{ background-color: rgb(120, 3,  
23) }
```

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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