

Converting Colors

CIELCh(24, 35.707, 298.512)

Have a look what the booklet for
CIELCh(24, 35.707, 298.512)
contains.

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Color

CIELCh(24, 35.674, 298.101)

Conversions

Conversions Part 1

Format	Color
Hex	353369
RGB	53, 51, 105
RGB Percent	21%, 20%, 41%
CMY	0.7935, 0.8012, 0.5896
CMYK	0.50, 0.52, 0.00, 0.59
HSL	242°, 35%, 30%
HSV	242°, 52%, 41%
XYZ	5.1512, 4.1002, 13.7884
YIQ	57.7540, -16.1420, 17.2180

Conversions

Conversions Part 2

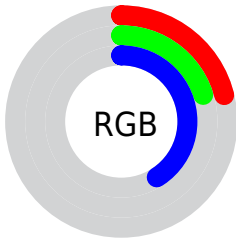
Format	Color
R_{YB}	53, 51, 105
Decimal	3486569
CIE _{Lab}	24.00, 16.80, -31.47
CIE _{LCh}	24, 35.674, 298.101
Yxy	4.1002, 0.2236, 0.1780
Android (android.graphics.Color)	4281676649 (0xFF353369)
YUV	57.7540, 23.2923, -4.1693
Hunter-Lab	20.2490, 9.9737, -26.1990

Details

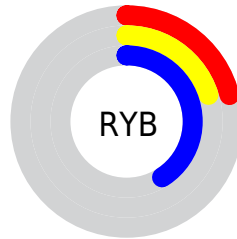
The CIELCh color **24, 35.674, 298.101** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **43, 31.246, 107.279**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 36.074, 298.135**, and **4, 35.333, 297.783** is the 20% darker color. If you saturate the color by 10%, you get **20, 43.344, 299.916**, and if you desaturate by 10%, it is **28, 28.201, 296.457**.

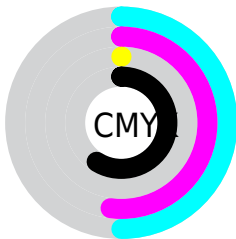
Distribution



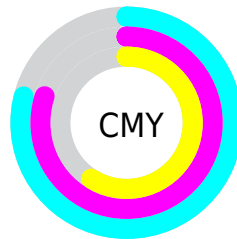
- Red (21%)
- Green (20%)
- Blue (41%)



- Red (21%)
- Yellow (20%)
- Blue (41%)



- Cyan (50%)
- Magenta (52%)
- Yellow (0%)
- Black (59%)



- Cyan (79%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 35.674, 298.101 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, 35.674, 298.101 by changing the saturation by 10% instead.

■ 24, 35.674,
298.101

■ 24, 35.674,
298.101

■ 100, 35.674,
298.101

■ 14, 35.674,
298.101

■ 44, 35.674,
298.101

■ 4, 35.674, 298.101

■ 54, 35.674,
298.101

■ 0, 35.674, 298.101

■ 64, 35.674,
298.101

■ 74, 35.674,
298.101

■ 84, 35.674,
298.101

■ 94, 35.674,

298.101

■ 24, 35.674,
298.101

■ 24, 35.674,
298.101

■ 20, 43.344,
299.916

■ 28, 28.201,
296.457

■ 17, 51.014,
301.818

■ 32, 20.993,
295.009

■ 14, 58.248,
303.643

■ 36, 14.062,
293.753

■ 11, 64.289,
305.149

■ 40, 7.399, 292.673

■ 9, 69.288, 306.496

■ 44, 0.986, 291.773

■ 48, 5.193, 110.937

■ 51, 11.155,
110.255

■ 55, 16.914,
109.664

■ 59, 22.484,
109.152

Harmonies

Complementary

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



24, 35.674, 298.101



43, 31.246, 107.279

Rectangle

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



24, 35.674, 298.101



24, 35.674, 348.101



24, 35.674, 118.101



24, 35.674, 168.101

Sweetspot

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



24, 35.674, 298.102



49, 11.928, 293.069



40, 17.986, 200.820



24, 8.225, 293.235



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, 35.674, 298.102



27, 54.031, 300.319



27, 36.368, 312.562



20, 3.648, 292.422



11, 75.170, 306.471



31, 129.581, 306.362

Inverse Universe

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



30, 37.965, 328.046



36, 54.540, 328.566



41, 34.069, 127.990



21, 4.300, 325.870



27, 63.358, 329.669



57, 108.850, 329.757

Previews

White Background



This preview shows how the CIE LCh color 24, 35.674, 298.101 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, 35.674, 298.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

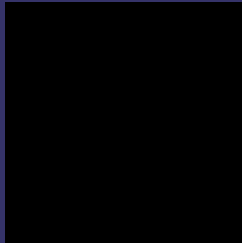
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 35.674, 298.101

Background



This preview shows how black text looks on a background with the CIELCh color 24, 35.674, 298.101.



This preview shows how white text looks on a background with the CIELCh color 24, 35.674, 298.101.

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

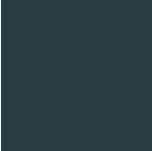
24, 35.674, 298.101

Protanopia

24, 36.581, 286.192

Deuteranopia

24, 30.908, 275.564



Tritanopia
24, 8.228, 222.173

Trichromacy



Original Color
24, 35.674, 298.101

Protanomaly
24, 36.442, 290.170

Deuteranomaly
23, 32.921, 283.014

Tritanomaly
24, 15.072, 276.087

Monochromacy



Original Color
24, 35.674, 298.101

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 12.635, 292.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 35.674, 298.101 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(53, 51, 105)` looks like.

```
.text, #text, p{  
    color:rgb(53, 51, 105)  
}
```

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(53, 51, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 51, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 35.674, 298.101 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(53, 51, 105) }
```

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

```
.border{ border-color:rgb(53, 51, 105) }
```

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

Here you see how a box with a 4 pixel rgb(53, 51, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 51, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 51, 105);  
box-shadow:4px 4px 4px 4px rgb(53, 51,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 35.674, 298.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 51, 105) }
```

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

```
.background{ background-color: rgb(53, 51,  
105) }
```

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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