

Converting Colors

CIELCh(24, 16.429, 300.856)

Have a look what the booklet for
CIELCh(24, 16.429, 300.856)
contains.

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Color

CIELCh(24, 16.111, 300.549)

Conversions

Conversions Part 1

Format	Color
Hex	3B364E
RGB	59, 54, 78
RGB Percent	23%, 21%, 31%
CMY	0.7691, 0.7887, 0.6947
CMYK	0.24, 0.31, 0.00, 0.69
HSL	252°, 18%, 26%
HSV	252°, 31%, 31%
XYZ	4.4792, 4.1002, 7.7374
YIQ	58.2310, -4.7240, 8.5240

Conversions

Conversions Part 2

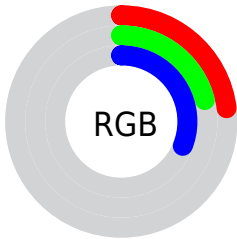
Format	Color
R_{YB}	59, 54, 78
Decimal	3880526
CIE Lab	24.00, 8.19, -13.87
CIE LCh	24, 16.111, 300.549
Yxy	4.1002, 0.2745, 0.2513
Android (android.graphics.Color)	4282070606 (0xFF3B364E)
YUV	58.2310, 9.7461, 0.6744
Hunter-Lab	20.2490, 4.0496, -8.4812

Details

The CIELCh color **24, 16.111, 300.549** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32, 15.154, 116.431**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 15.810, 300.599**, and **4, 16.229, 300.165** is the 20% darker color. If you saturate the color by 10%, you get **21, 21.702, 301.472**, and if you desaturate by 10%, it is **27, 10.696, 299.725**.

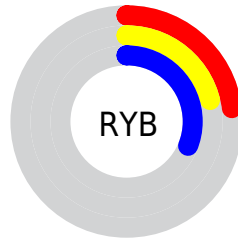
Distribution



Red (23%)

Green (21%)

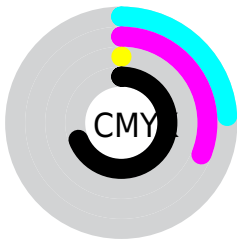
Blue (31%)



Red (23%)

Yellow (21%)

Blue (31%)

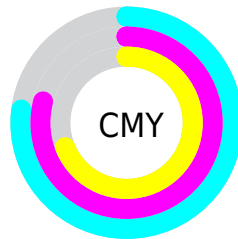


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (69%)



Cyan (77%)


Magenta (79%)


Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 16.111, 300.549 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, 16.111, 300.549 by changing the saturation by 10% instead.


 24, 16.111,
300.549


 24, 16.111,
300.549


 100, 16.111,
300.549


 14, 16.111,
300.549


 44, 16.111,
300.549

 4, 16.111, 300.549

 54, 16.111,
300.549

 0, 16.111, 300.549

 64, 16.111,
300.549

 74, 16.111,
300.549

 84, 16.111,
300.549

 94, 16.111,

300.549

■ 24, 16.111,
300.549

■ 24, 16.111,
300.549

■ 21, 21.702,
301.472

■ 27, 10.696,
299.725

■ 18, 27.449,
302.489

■ 30, 5.463, 298.996

■ 15, 33.298,
303.579

■ 33, 0.408, 298.341

■ 36, 4.479, 117.802

■ 13, 39.125,
304.697

■ 39, 9.205, 117.313

■ 10, 44.701,
305.755

■ 42, 13.780,
116.887

■ 8, 49.776, 306.693

■ 44, 18.213,
116.517

■ 6, 54.374, 307.557

■ 47, 22.512,
116.194

■ 50, 26.686,
115.912

Harmonies

Complementary

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



24, 16.111, 300.549



32, 15.154, 116.431

Rectangle

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



24, 16.111, 300.549



24, 16.111, 350.549



24, 16.111, 120.549



24, 16.111, 170.549

Sweetspot

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



24, 16.110, 300.549



40, 5.673, 298.896



30, 8.144, 220.716



19, 3.898, 298.953



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



24, 16.110, 300.549



30, 24.500, 301.239



25, 17.312, 316.923



14, 2.769, 298.850



10, 66.786, 307.747



30, 121.752, 307.235

Inverse Universe

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



26, 16.166, 332.612



33, 24.201, 333.087



31, 16.956, 134.418



14, 2.866, 331.269



22, 50.612, 337.972



52, 90.635, 338.842

Previews

White Background



This preview shows how the CIE LCh color 24, 16.111, 300.549 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, 16.111, 300.549 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, 16.111, 300.549

Background



This preview shows how black text looks on a background with the CIELCh color 24, 16.111, 300.549.



This preview shows how white text looks on a background with the CIELCh color 24, 16.111, 300.549.

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

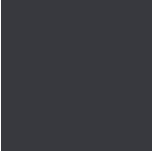
24, 16.111, 300.549

Protanopia

24, 16.004, 285.379

Deuteranopia

24, 14.012, 285.160



Tritanopia
24, 3.338, 283.323

Trichromacy



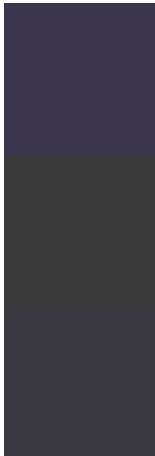
Original Color
24, 16.111, 300.549

Protanomaly
24, 15.942, 290.747

Deuteranomaly
24, 14.617, 291.707

Tritanomaly
24, 7.988, 294.909

Monochromacy



Original Color
24, 16.111, 300.549

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 6.054, 299.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 16.111, 300.549 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(59, 54, 78)` looks like.

```
.text, #text, p{  
    color:rgb(59, 54, 78)  
}
```

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(59, 54, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 54, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 16.111, 300.549 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(59, 54, 78) }
```

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

```
.border{ border-color:rgb(59, 54, 78) }
```

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

Here you see how a box with a 4 pixel rgb(59, 54, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 54, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 54, 78);  
box-shadow:4px 4px 4px 4px rgb(59, 54, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 16.111, 300.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 54, 78) }
```

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

```
.background{ background-color: rgb(59, 54,  
78) }
```

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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