

Converting Colors

CIELCh(38, 24.704, 296.944)

Have a look what the booklet for
CIELCh(38, 24.704, 296.944)
contains.

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Color

CIELCh(38, 24.724, 297.238)

Conversions

Conversions Part 1

Format	Color
Hex	59557D
RGB	89, 85, 125
RGB Percent	35%, 33%, 49%
CMY	0.6512, 0.6669, 0.5100
CMYK	0.29, 0.32, 0.00, 0.51
HSL	246°, 19%, 41%
HSV	246°, 32%, 49%
XYZ	11.0559, 10.0881, 20.7461
YIQ	90.7560, -10.4560, 13.2880

Conversions

Conversions Part 2

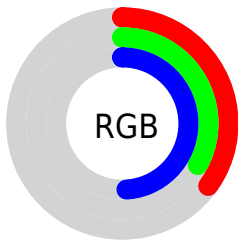
Format	Color
R_{YB}	89, 85, 125
Decimal	5854589
CIE _{Lab}	38.00, 11.32, -21.98
CIE _{LCh}	38, 24.724, 297.238
Yxy	10.0881, 0.2639, 0.2408
Android (android.graphics.Color)	4284044669 (0xFF59557D)
YUV	90.7560, 16.8823, -1.5400
Hunter-Lab	31.7617, 6.5512, -16.4938

Details

The CIELCh color **38, 24.724, 297.238** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **51, 22.972, 111.604**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 24.588, 296.978**, and **18, 24.856, 297.605** is the 20% darker color. If you saturate the color by 10%, you get **34, 33.087, 298.541**, and if you desaturate by 10%, it is **43, 16.670, 296.099**.

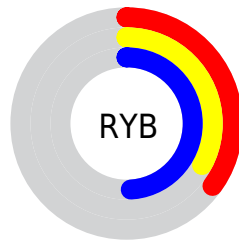
Distribution



Red (35%)

Green (33%)

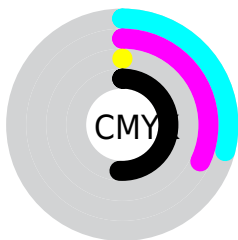
Blue (49%)



Red (35%)

Yellow (33%)

Blue (49%)

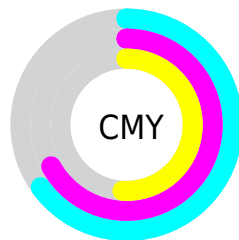


Cyan (29%)

Magenta (32%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (67%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 24.724, 297.238 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 38, 24.724, 297.238 by changing the saturation by 10% instead.


 38, 24.724,
297.238

 38, 24.724,
297.238

 100, 24.724,
297.238


 28, 24.724,
297.238

 58, 24.724,
297.238

 18, 24.724,
297.238

 68, 24.724,
297.238

 8, 24.724, 297.238

 78, 24.724,
297.238

 0, 24.724, 297.238

 88, 24.724,
297.238

 98, 24.724,
297.238

■ 38, 24.724,
297.238

■ 38, 24.724,
297.238

■ 34, 33.087,
298.541

■ 43, 16.670,
296.099

■ 29, 41.730,
300.006

■ 47, 8.924, 295.113

■ 51, 1.472, 294.274

■ 25, 50.544,
301.596

■ 56, 5.706, 113.528

■ 21, 59.258,
303.226

■ 60, 12.627,
112.901

■ 17, 67.309,
304.731

■ 65, 19.309,
112.359

■ 15, 73.777,
305.871

■ 69, 25.768,
111.892

■ 13, 78.283,
306.764

■ 73, 32.019,
111.487

■ 78, 38.074,
111.136

Harmonies

Complementary

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



38, 24.724, 297.238



51, 22.972, 111.604

Rectangle

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



38, 24.724, 297.238



38, 24.724, 347.238



38, 24.724, 117.238



38, 24.724, 167.238

Sweetspot

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



38, 24.723, 297.238



62, 9.214, 294.954



49, 13.395, 206.519



31, 6.268, 295.057



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



38, 24.723, 297.238



46, 37.014, 298.121



40, 26.024, 313.298



23, 4.093, 294.849



13, 78.288, 306.764



32, 132.247, 306.544

Inverse Universe

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



42, 26.705, 329.055



51, 39.255, 329.444



50, 25.142, 130.526



24, 4.604, 327.744



28, 63.155, 332.498



58, 105.881, 332.754

Previews

White Background



This preview shows how the CIELCh color 38, 24.724, 297.238 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 × Fail

Black Background



This preview shows how the CIE LCh color 38, 24.724, 297.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 38, 24.724, 297.238

Background



This preview shows how black text looks on a background with the CIELCh color 38, 24.724, 297.238.

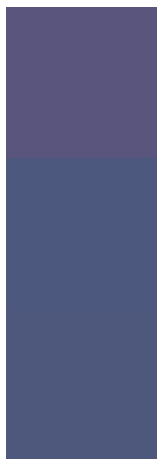


This preview shows how white text looks on a background with the CIELCh color 38, 24.724, 297.238.

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

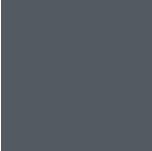
38, 24.724, 297.238

Protanopia

38, 24.136, 284.967

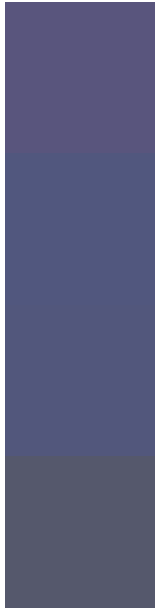
Deuteranopia

38, 22.297, 284.669



Tritanopia
38, 5.605, 260.947

Trichromacy



Original Color
38, 24.724, 297.238

Protanomaly
38, 24.027, 288.917

Deuteranomaly
38, 22.793, 289.280

Tritanomaly
38, 12.349, 286.770

Monochromacy



Original Color
38, 24.724, 297.238

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 8.627, 294.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 24.724, 297.238 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(89, 85, 125)` looks like.

```
.text, #text, p{  
    color:rgb(89, 85, 125)  
}
```

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(89, 85, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 85, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 24.724, 297.238 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(89, 85, 125) }
```

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

```
.border{ border-color:rgb(89, 85, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 85, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 85, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 85, 125);  
box-shadow:4px 4px 4px 4px rgb(89, 85,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 24.724, 297.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 85, 125) }
```

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

```
.background{ background-color: rgb(89, 85,  
125) }
```

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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