

Converting Colors

CIELCh(24, 31.170, 337.687)

Have a look what the booklet for
CIELCh(24, 31.170, 337.687)
contains.

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Color

CIELCh(24, 30.749, 338.129)

Conversions

Conversions Part 1

Format	Color
Hex	5A274B
RGB	90, 39, 75
RGB Percent	35%, 15%, 29%
CMY	0.6481, 0.8480, 0.7068
CMYK	0.00, 0.57, 0.17, 0.65
HSL	318°, 40%, 25%
HSV	318°, 57%, 35%
XYZ	6.1701, 4.1002, 7.0789
YIQ	58.3530, 18.8400, 22.0080

Conversions

Conversions Part 2

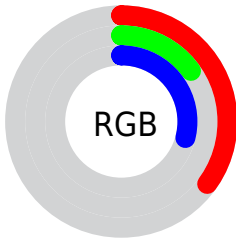
Format	Color
RYB	90, 39, 75
Decimal	5908299
CIELab	24.00, 28.54, -11.45
CIElCh	24, 30.749, 338.129
Yxy	4.1002, 0.3556, 0.2363
Android (android.graphics.Color)	4284098379 (0xFF5A274B)
YUV	58.3530, 8.2070, 27.7544
Hunter-Lab	20.2490, 18.9551, -6.5530




Details

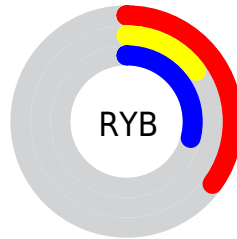
The CIELCh color **24, 30.749, 338.129** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **34, 30.586, 149.009**, and the grayscale version is **24, 0.004, 296.813**.




A 20% lighter version of the original color is **44, 30.603, 338.311**, and **6, 26.628, 339.895** is the 20% darker color. If you saturate the color by 10%, you get **22, 35.143, 339.053**, and if you desaturate by 10%, it is **26, 25.776, 337.289**.

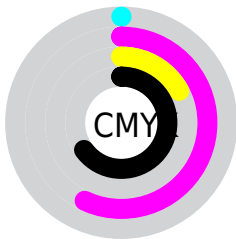
Distribution







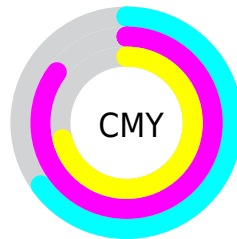
-  Red (35%)
-  Green (15%)
-  Blue (29%)






-  Red (35%)
-  Yellow (15%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (57%)
-  Yellow (17%)
-  Black (65%)





-  Cyan (65%)
-  Magenta (85%)
-  Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 30.749, 338.129 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, 30.749, 338.129 by changing the saturation by 10% instead.

 24, 30.749,
338.129


 24, 30.749,
338.129

 100, 30.749,
338.129

 14, 30.749,
338.129


 44, 30.749,
338.129


 4, 30.749, 338.129

 54, 30.749,
338.129

 0, 30.749, 338.129

 64, 30.749,
338.129

 74, 30.749,
338.129

 84, 30.749,
338.129

 94, 30.749,

338.129

■ 24, 30.749,
338.129

■ 24, 30.749,
338.129

■ 22, 35.143,
339.053

■ 26, 25.776,
337.289

■ 21, 38.734,
340.090

■ 28, 20.440,
336.511

■ 19, 41.310,
341.283

■ 31, 14.911,
335.781

■ 18, 43.190,
342.580

■ 34, 9.317, 335.090

■ 18, 43.832,
342.973

■ 36, 3.750, 334.413

■ 39, 1.734, 153.961

■ 42, 7.097, 153.299

■ 45, 12.319,
152.739

■ 47, 17.394,
152.215

Harmonies

Complementary

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



24, 30.749, 338.129



34, 30.586, 149.009

Rectangle

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



24, 30.749, 338.129



24, 30.749, 28.129



24, 30.749, 158.129



24, 30.749, 208.129

Sweetspot

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



24, 30.747, 338.129



44, 11.755, 335.140



20, 34.907, 305.349



21, 7.788, 335.215



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



24, 30.747, 338.129



29, 44.038, 339.393



23, 25.046, 9.485



17, 3.148, 334.554



23, 50.210, 343.460



53, 87.457, 344.778

Inverse Universe

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



24, 30.747, 338.129



29, 44.038, 339.393



35, 20.197, 176.606



17, 3.148, 334.554



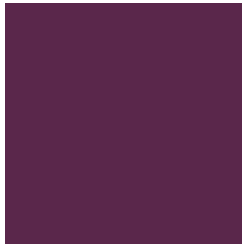
23, 50.210, 343.460



53, 87.457, 344.778

Previews

White Background



This preview shows how the CIE LCh color 24, 30.749, 338.129 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, 30.749, 338.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

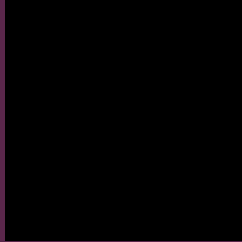
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 30.749, 338.129

Background



This preview shows how black text looks on a background with the CIELCh color 24, 30.749, 338.129.



This preview shows how white text looks on a background with the CIELCh color 24, 30.749, 338.129.

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, 30.749, 338.129

Protanopia

24, 21.278, 285.095

Deuteranopia

24, 9.931, 289.883



Tritanopia
24, 20.704, 18.768

Trichromacy



Original Color
24, 30.749, 338.129

Protanomaly
24, 23.234, 307.091

Deuteranomaly
24, 17.094, 319.523

Tritanomaly
24, 22.640, 359.673

Monochromacy



Original Color
24, 30.749, 338.129

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 12.098, 336.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 30.749, 338.129 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(90, 39, 75)` looks like.

```
.text, #text, p{  
    color:rgb(90, 39, 75)  
}
```

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(90, 39, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 39, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 30.749, 338.129 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(90, 39, 75) }
```

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

```
.border{ border-color:rgb(90, 39, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 39, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 39, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 39, 75);  
box-shadow:4px 4px 4px 4px rgb(90, 39, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 30.749, 338.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 39, 75) }
```

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

```
.background{ background-color: rgb(90, 39,  
75) }
```

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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