

Converting Colors

CIELCh(24, 17.965, 346.221)

Have a look what the booklet for
CIELCh(24, 17.965, 346.221)
contains.

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Color

CIELCh(24, 18.058, 345.432)

Conversions

Conversions Part 1

Format	Color
Hex	4F2F40
RGB	79, 47, 64
RGB Percent	31%, 18%, 25%
CMY	0.6891, 0.8147, 0.7480
CMYK	0.00, 0.40, 0.19, 0.69
HSL	328°, 25%, 25%
HSV	328°, 40%, 31%
XYZ	5.2065, 4.1002, 5.4059
YIQ	58.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

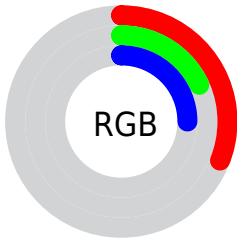
Format	Color
RYB	79, 47, 64
Decimal	5189440
CIELab	24.00, 17.48, -4.54
CIElCh	24, 18.058, 345.432
Yxy	4.1002, 0.3539, 0.2787
Android (android.graphics.Color)	4283379520 (0xFF4F2F40)
YUV	58.5060, 2.7085, 17.9732
Hunter-Lab	20.2490, 10.4607, -1.6544

Details

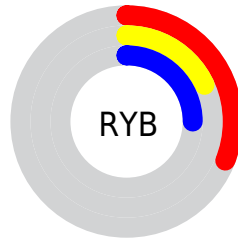
The CIELCh color $24, 18.058, 345.432$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $31, 17.399, 158.539$, and the grayscale version is $25, 0.004, 296.813$.

A 20% lighter version of the original color is $44, 17.912, 345.218$, and $4, 18.348, 345.421$ is the 20% darker color. If you saturate the color by 10%, you get $22, 22.383, 346.549$, and if you desaturate by 10%, it is $26, 13.579, 344.446$.

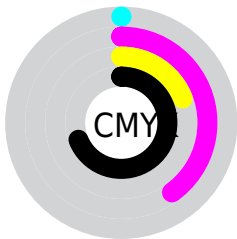
Distribution



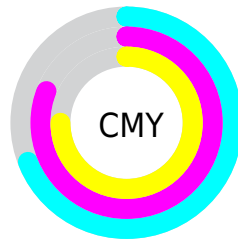
- Red (31%)
- Green (18%)
- Blue (25%)



- Red (31%)
- Yellow (18%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (19%)
- Black (69%)



- Cyan (69%)
- Magenta (81%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 18.058, 345.432 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, 18.058, 345.432 by changing the saturation by 10% instead.

 24, 18.058,
345.432


 24, 18.058,
345.432

 100, 18.058,
345.432

 14, 18.058,
345.432


 44, 18.058,
345.432

 4, 18.058, 345.432

 54, 18.058,
345.432

 0, 18.058, 345.432

 64, 18.058,
345.432

 74, 18.058,
345.432

 84, 18.058,
345.432

 94, 18.058,

345.432

■ 24, 18.058,
345.432

■ 24, 18.058,
345.432

■ 22, 22.383,
346.549

■ 26, 13.579,
344.446

■ 20, 26.413,
347.835

■ 29, 9.061, 343.557

■ 18, 29.966,
349.351

■ 31, 4.576, 342.734

■ 34, 0.174, 340.876

■ 17, 32.852,
351.178

■ 36, 4.118, 161.417

■ 16, 34.964,
353.381

■ 39, 8.285, 160.764

■ 41, 12.321,
160.171

■ 15, 37.022,
355.414

■ 44, 16.228,
159.621

■ 47, 20.011,
159.108

Harmonies

Complementary

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



24, 18.058, 345.432



31, 17.399, 158.539

Rectangle

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



24, 18.058, 345.432



24, 18.058, 35.432



24, 18.058, 165.432



24, 18.058, 215.432

Sweetspot

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



24, 18.057, 345.433



39, 6.522, 342.898



22, 22.298, 309.804



19, 4.274, 342.939



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, 18.057, 345.433



29, 26.283, 346.462



23, 15.788, 20.297



15, 2.517, 342.602



21, 44.599, 356.869



50, 79.290, 359.718

Inverse Universe

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



24, 18.057, 345.433



29, 26.283, 346.462



31, 12.420, 194.461



15, 2.517, 342.602



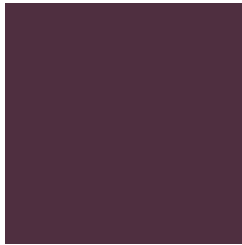
21, 44.599, 356.869



50, 79.290, 359.718

Previews

White Background



This preview shows how the CIE LCh color 24, 18.058, 345.432 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, 18.058, 345.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

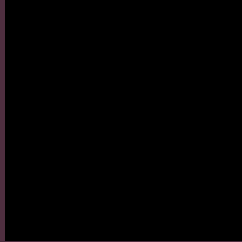
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 18.058, 345.432

Background



This preview shows how black text looks on a background with the CIELCh color 24, 18.058, 345.432.



This preview shows how white text looks on a background with the CIELCh color 24, 18.058, 345.432.

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, 18.058, 345.432

Protanopia

24, 9.327, 284.540

Deuteranopia

24, 5.170, 316.575



Tritanopia
24, 14.137, 11.855

Trichromacy



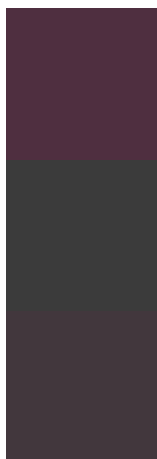
Original Color
24, 18.058, 345.432

Protanomaly
24, 11.524, 314.187

Deuteranomaly
24, 9.467, 337.070

Tritanomaly
24, 15.151, 359.972

Monochromacy



Original Color
24, 18.058, 345.432

Achromatopsia
25, 0.004, 296.813

Achromatomaly
24, 6.397, 342.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 18.058, 345.432 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(79, 47, 64)` looks like.

```
.text, #text, p{  
    color:rgb(79, 47, 64)  
}
```

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(79, 47, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 47, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 18.058, 345.432 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(79, 47, 64) }
```

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

```
.border{ border-color:rgb(79, 47, 64) }
```

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

Here you see how a box with a 4 pixel rgb(79, 47, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 47, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 47, 64);  
box-shadow:4px 4px 4px 4px rgb(79, 47, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 18.058, 345.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 47, 64) }
```

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

```
.background{ background-color: rgb(79, 47,  
64) }
```

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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