

Converting Colors

CIELCh(24, 18.095, 333.224)

Have a look what the booklet for
CIELCh(24, 18.095, 333.224)
contains.

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Color

CIELCh(24, 18.573, 332.067)

Conversions

Conversions Part 1

Format	Color
Hex	4B3046
RGB	75, 48, 70
RGB Percent	29%, 19%, 27%
CMY	0.7044, 0.8104, 0.7241
CMYK	0.00, 0.36, 0.07, 0.70
HSL	311°, 22%, 24%
HSV	311°, 36%, 30%
XYZ	5.1191, 4.1002, 6.3762
YIQ	58.5810, 9.0300, 12.5660

Conversions

Conversions Part 2

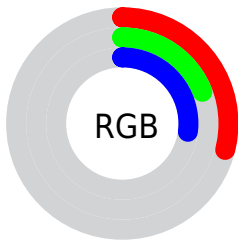
Format	Color
RYB	75, 48, 70
Decimal	4927558
CIELab	24.00, 16.41, -8.70
CIElCh	24, 18.573, 332.067
Yxy	4.1002, 0.3282, 0.2629
Android (android.graphics.Color)	4283117638 (0xFF4B3046)
YUV	58.5810, 5.6296, 14.3995
Hunter-Lab	20.2490, 9.6904, -4.4955

Details

The CIELCh color **24, 18.573, 332.067** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29, 18.508, 147.549**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 18.032, 332.193**, and **4, 18.779, 332.562** is the 20% darker color. If you saturate the color by 10%, you get **22, 23.564, 332.677**, and if you desaturate by 10%, it is **26, 13.416, 331.471**.

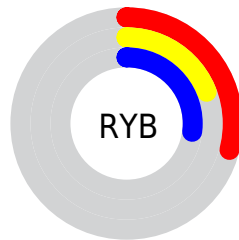
Distribution



Red (29%)

Green (19%)

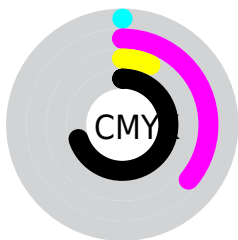
Blue (27%)



Red (29%)

Yellow (19%)

Blue (27%)

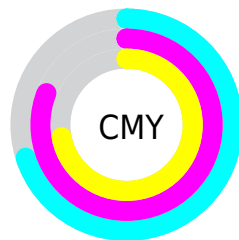


Cyan (0%)

Magenta (36%)

Yellow (7%)

Black (70%)



Cyan (70%)


Magenta (81%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 18.573, 332.067 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, 18.573, 332.067 by changing the saturation by 10% instead.

 24, 18.573,
332.067


 24, 18.573,
332.067

 100, 18.573,
332.067


 14, 18.573,
332.067


 44, 18.573,
332.067


 4, 18.573, 332.067

 54, 18.573,
332.067

 0, 18.573, 332.067

 64, 18.573,
332.067

 74, 18.573,
332.067

 84, 18.573,
332.067

 94, 18.573,

332.067

■ 24, 18.573,
332.067

■ 24, 18.573,
332.067

■ 22, 23.564,
332.677

■ 26, 13.416,
331.471

■ 20, 28.253,
333.300

■ 28, 8.204, 330.886

■ 19, 32.467,
333.940

■ 31, 3.012, 330.294

■ 33, 2.109, 149.875

■ 17, 36.017,
334.603

■ 35, 7.126, 149.304

■ 16, 38.726,
335.303

■ 38, 12.021,
148.797

■ 15, 40.981,
336.007

■ 40, 16.785,
148.318

■ 15, 41.985,
336.280

■ 43, 21.415,
147.863

■ 45, 25.914,
147.432

Harmonies

Complementary

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



24, 18.573, 332.067



29, 18.508, 147.549

Rectangle

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



24, 18.573, 332.067



24, 18.573, 22.067



24, 18.573, 152.067



24, 18.573, 202.067

Sweetspot

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



24, 18.572, 332.067



38, 6.994, 330.627



22, 18.370, 300.164



18, 4.637, 330.659



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



24, 18.572, 332.067



29, 27.249, 332.597



23, 13.772, 358.420



14, 2.913, 330.467



22, 51.440, 336.693



52, 92.207, 337.433

Inverse Universe

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



24, 18.572, 332.067



29, 27.249, 332.597



30, 12.589, 171.599



14, 2.913, 330.467



22, 51.440, 336.693



52, 92.207, 337.433

Previews

White Background



This preview shows how the CIE LCh color 24, 18.573, 332.067 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, 18.573, 332.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

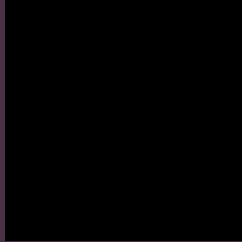
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 18.573, 332.067

Background



This preview shows how black text looks on a background with the CIELCh color 24, 18.573, 332.067.

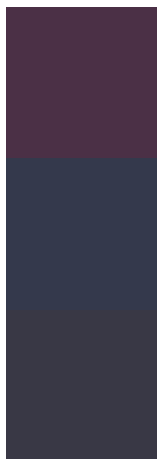


This preview shows how white text looks on a background with the CIELCh color 24, 18.573, 332.067.

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, 18.573, 332.067

Protanopia

24, 12.675, 283.890

Deuteranopia

24, 8.649, 294.793



Tritanopia
24, 10.735, 7.536

Trichromacy



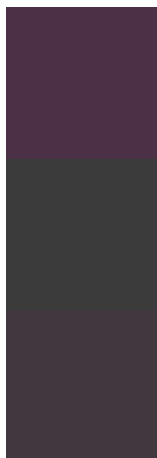
Original Color
24, 18.573, 332.067

Protanomaly
24, 13.569, 303.389

Deuteranomaly
24, 11.686, 316.204

Tritanomaly
24, 13.110, 348.775

Monochromacy



Original Color
24, 18.573, 332.067

Achromatopsia
25, 0.004, 296.813

Achromatomaly
24, 6.963, 331.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 18.573, 332.067 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(75, 48, 70)` looks like.

```
.text, #text, p{  
    color:rgb(75, 48, 70)  
}
```

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(75, 48, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 48, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 18.573, 332.067 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(75, 48, 70) }
```

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

```
.border{ border-color:rgb(75, 48, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 48, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 48, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 48, 70);  
box-shadow:4px 4px 4px 4px rgb(75, 48, 70)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 18.573, 332.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 48, 70) }
```

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

```
.background{ background-color: rgb(75, 48,  
70) }
```

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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