

Converting Colors

CIELCh(24, 29.155, 329.036)

Have a look what the booklet for
CIELCh(24, 29.155, 329.036)
contains.

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Color

CIELCh(24, 29.498, 329.019)

Conversions

Conversions Part 1

Format	Color
Hex	532A50
RGB	83, 42, 80
RGB Percent	33%, 16%, 31%
CMY	0.6737, 0.8345, 0.6855
CMYK	0.00, 0.49, 0.04, 0.67
HSL	304°, 33%, 25%
HSV	304°, 49%, 33%
XYZ	5.8759, 4.1002, 8.1101
YIQ	58.5910, 12.2380, 20.5100

Conversions

Conversions Part 2

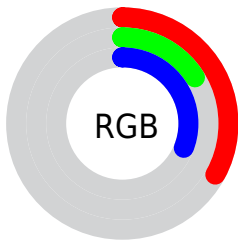
Format	Color
RYB	83, 42, 80
Decimal	5450320
CIELab	24.00, 25.29, -15.18
CIElCh	24, 29.498, 329.019
Yxy	4.1002, 0.3249, 0.2267
Android (android.graphics.Color)	4283640400 (0xFF532A50)
YUV	58.5910, 10.5546, 21.4067
Hunter-Lab	20.2490, 16.3616, -9.5726

Details

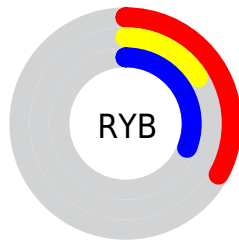
The CIELCh color **24, 29.498, 329.019** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **32, 29.606, 142.834**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 29.418, 329.517**, and **5, 26.721, 329.099** is the 20% darker color. If you saturate the color by 10%, you get **22, 34.761, 329.499**, and if you desaturate by 10%, it is **26, 23.792, 328.516**.

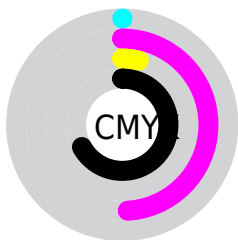
Distribution



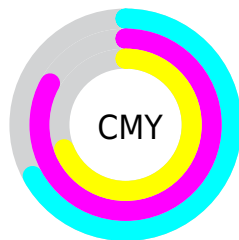
- Red (33%)
- Green (16%)
- Blue (31%)



- Red (33%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (49%)
- Yellow (4%)
- Black (67%)





- Cyan (67%)
- Magenta (83%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 29.498, 329.019 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, 29.498, 329.019 by changing the saturation by 10% instead.

 24, 29.498,
329.019


 24, 29.498,
329.019

 100, 29.498,
329.019


 14, 29.498,
329.019


 44, 29.498,
329.019


 4, 29.498, 329.019

 54, 29.498,
329.019

 0, 29.498, 329.019

 64, 29.498,
329.019

 74, 29.498,
329.019

 84, 29.498,
329.019

 94, 29.498,

329.019

■ 24, 29.498,
329.019

■ 24, 29.498,
329.019

■ 22, 34.761,
329.499

■ 26, 23.792,
328.516

■ 21, 39.379,
329.947

■ 28, 17.823,
327.997

■ 19, 43.147,
330.360

■ 31, 11.733,
327.469

■ 18, 45.909,
330.736

■ 33, 5.627, 326.933

■ 17, 48.375,
331.090

■ 36, 0.421, 146.792

■ 38, 6.362, 145.965

■ 17, 48.557,
331.115

■ 41, 12.167,
145.468

■ 43, 17.819,
144.998

■ 46, 23.311,
144.550

Harmonies

Complementary

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



24, 29.498, 329.019



32, 29.606, 142.834

Rectangle

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



24, 29.498, 329.019



24, 29.498, 19.019



24, 29.498, 149.019



24, 29.498, 199.019

Sweetspot

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



24, 29.497, 329.019



41, 11.224, 327.267



19, 28.021, 298.305



19, 7.571, 327.329



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



24, 29.497, 329.019



29, 42.420, 329.576



23, 21.681, 352.473



15, 3.329, 326.900



23, 56.819, 331.209



54, 101.510, 331.433

Inverse Universe

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



24, 29.497, 329.019



29, 42.420, 329.576



32, 20.137, 162.689



15, 3.329, 326.900



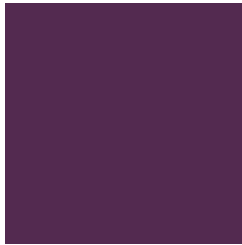
23, 56.819, 331.209



54, 101.510, 331.433

Previews

White Background



This preview shows how the CIE LCh color 24, 29.498, 329.019 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, 29.498, 329.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

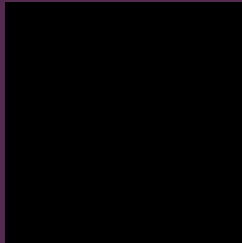
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 29.498, 329.019

Background



This preview shows how black text looks on a background with the CIELCh color 24, 29.498, 329.019.



This preview shows how white text looks on a background with the CIELCh color 24, 29.498, 329.019.

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, 29.498, 329.019

Protanopia

24, 23.320, 284.180

Deuteranopia

24, 13.974, 285.102



Tritanopia
24, 15.099, 15.250

Trichromacy



Original Color
24, 29.498, 329.019

Protanomaly
24, 24.063, 300.242

Deuteranomaly
24, 18.543, 307.507

Tritanomaly
24, 18.166, 350.975

Monochromacy



Original Color
24, 29.498, 329.019

Achromatopsia
25, 0.004, 296.813

Achromatomaly
24, 11.401, 327.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 29.498, 329.019 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(83, 42, 80)` looks like.

```
.text, #text, p{  
    color:rgb(83, 42, 80)  
}
```

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(83, 42, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 42, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 29.498, 329.019 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(83, 42, 80) }
```

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

```
.border{ border-color:rgb(83, 42, 80) }
```

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

Here you see how a box with a 4 pixel rgb(83, 42, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 42, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 42, 80);  
box-shadow:4px 4px 4px 4px rgb(83, 42, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 29.498, 329.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 42, 80) }
```

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

```
.background{ background-color: rgb(83, 42,  
80) }
```

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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