

Converting Colors

CIELCh(19, 25.475, 299.953)

Have a look what the booklet for
CIELCh(19, 25.475, 299.953)
contains.

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Color

CIELCh(19, 25.475, 299.953)

Conversions

Conversions Part 1

Format	Color
Hex	2E294E
RGB	46, 41, 78
RGB Percent	18%, 16%, 31%
CMY	0.8185, 0.8381, 0.6929
CMYK	0.41, 0.47, 0.00, 0.69
HSL	248°, 31%, 23%
HSV	248°, 47%, 31%
XYZ	3.3284, 2.7468, 7.6195
YIQ	46.7130, -8.8970, 12.5670

Conversions

Conversions Part 2

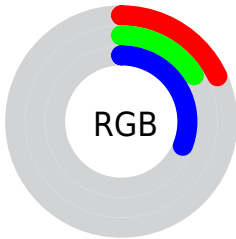
Format	Color
RYB	46, 41, 78
Decimal	3025230
CIELab	19.00, 12.72, -22.07
CIELCh	19, 25.475, 299.953
Yxy	2.7468, 0.2430, 0.2006
Android (android.graphics.Color)	4281215310 (0xFF2E294E)
YUV	46.7130, 15.4245, -0.6253
Hunter-Lab	16.5735, 6.8434, -15.6563

Details

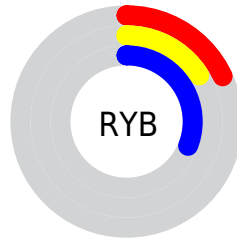
The CIELCh color **19, 25.475, 299.953** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **32, 22.872, 112.257**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 25.401, 300.424**, and **1, 20.157, 291.327** is the 20% darker color. If you saturate the color by 10%, you get **16, 31.369, 301.246**, and if you desaturate by 10%, it is **22, 19.735, 298.780**.

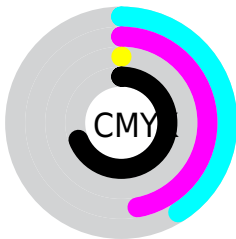
Distribution



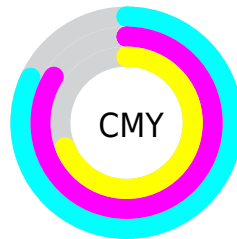
- Red (18%)
- Green (16%)
- Blue (31%)



- Red (18%)
- Yellow (16%)
- Blue (31%)



- Cyan (41%)
- Magenta (47%)
- Yellow (0%)
- Black (69%)



- Cyan (82%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 25.475, 299.953 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 19, 25.475, 299.953 by changing the saturation by 10% instead.

■ 19, 25.475,
299.953

■ 19, 25.475,
299.953

■ 100, 25.475,
299.953

■ 9, 25.475, 299.953

■ 39, 25.475,
299.953

■ 0, 25.475, 299.953

■ 49, 25.475,
299.953


■ 59, 25.475,
299.953


■ 69, 25.475,
299.953


■ 79, 25.475,
299.953


■ 89, 25.475,


299.953


 99, 25.475,
299.953


 19, 25.475,
299.953


 19, 25.475,
299.953

 16, 31.369,
301.246

 22, 19.735,
298.780

 13, 37.334,
302.621

 25, 14.184,
297.736

 11, 43.181,
304.001


 28, 8.826, 296.819

 8, 48.555, 305.249

 31, 3.658, 296.019

 6, 53.522, 306.375

 34, 1.329, 115.315

 6, 54.817, 306.652

 37, 6.146, 114.712

■ 40, 10.804,
114.185

■ 43, 15.313,
113.726

■ 46, 19.681,
113.326

Harmonies

Complementary

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



19, 25.475, 299.953



32, 22.872, 112.257

Rectangle

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



19, 25.475, 299.953



19, 25.475, 349.953



19, 25.475, 119.953



19, 25.475, 169.953

Sweetspot

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



19, 25.475, 299.953



38, 8.850, 296.586



29, 12.247, 212.897



18, 6.046, 296.686



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



19, 25.475, 299.953



22, 38.943, 301.488



21, 26.527, 315.448



14, 2.752, 296.119



9, 67.398, 307.116



29, 122.686, 306.733

Inverse Universe

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



23, 25.892, 330.973



28, 37.992, 331.630



31, 25.451, 131.553



14, 3.017, 328.808



22, 53.333, 334.099



53, 95.826, 334.588

Previews

White Background



This preview shows how the CIE LCh color 19, 25.475, 299.953 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 19, 25.475, 299.953 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 19, 25.475, 299.953

Background



This preview shows how black text looks on a background with the CIELCh color 19, 25.475, 299.953.



This preview shows how white text looks on a background with the CIELCh color 19, 25.475, 299.953.

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

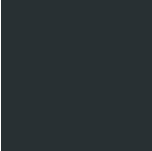
19, 25.475, 299.953

Protanopia

19, 25.510, 284.956

Deuteranopia

19, 21.162, 276.706



Tritanopia
19, 4.038, 229.523

Trichromacy



Original Color
19, 25.475, 299.953

Protanomaly
19, 25.350, 289.397

Deuteranomaly
19, 22.079, 284.878

Tritanomaly
19, 10.358, 283.518

Monochromacy



Original Color
19, 25.475, 299.953

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 8.980, 297.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 25.475, 299.953 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(46, 41, 78)` looks like.

```
.text, #text, p{  
    color:rgb(46, 41, 78)  
}
```

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(46, 41, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 41, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 25.475, 299.953 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(46, 41, 78) }
```

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

```
.border{ border-color:rgb(46, 41, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 41, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 41, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 41, 78);  
box-shadow:4px 4px 4px 4px rgb(46, 41, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 25.475, 299.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 41, 78) }
```

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

```
.background{ background-color: rgb(46, 41,  
78) }
```

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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