

Converting Colors

CIELCh(19, 37.848, 326.579)

Have a look what the booklet for
CIELCh(19, 37.848, 326.579)
contains.

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Color

CIELCh(19, 37.953, 326.277)

Conversions

Conversions Part 1

Format	Color
Hex	4B194D
RGB	75, 25, 77
RGB Percent	29%, 10%, 30%
CMY	0.7051, 0.9012, 0.6973
CMYK	0.03, 0.67, 0.00, 0.70
HSL	298°, 51%, 20%
HSV	298°, 67%, 30%
XYZ	4.6165, 2.7468, 7.3450
YIQ	45.8780, 13.1080, 26.7720

Conversions

Conversions Part 2

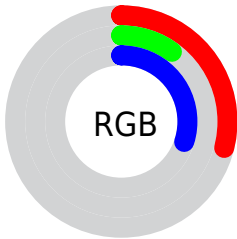
Format	Color
R_{YB}	75, 25, 77
Decimal	4921677
CIE _{Lab}	19.00, 31.57, -21.07
CIE _{LCh}	19, 37.953, 326.277
Yxy	2.7468, 0.3139, 0.1868
Android (android.graphics.Color)	4283111757 (0xFF4B194D)
YUV	45.8780, 15.3431, 25.5400
Hunter-Lab	16.5735, 20.7164, -14.6744

Details

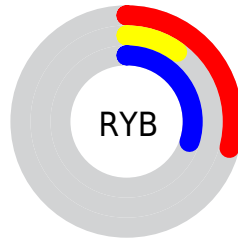
The CIELCh color **19, 37.953, 326.277** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28, 38.214, 138.487**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 38.143, 326.628**, and **4, 23.683, 325.008** is the 20% darker color. If you saturate the color by 10%, you get **18, 42.008, 326.526**, and if you desaturate by 10%, it is **21, 33.163, 325.954**.

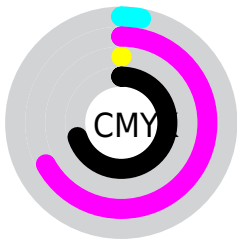
Distribution



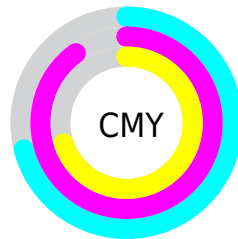
- Red (29%)
- Green (10%)
- Blue (30%)



- Red (29%)
- Yellow (10%)
- Blue (30%)



- Cyan (3%)
- Magenta (67%)
- Yellow (0%)
- Black (70%)



- Cyan (71%)
- Magenta (90%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 37.953, 326.277 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, 37.953, 326.277 by changing the saturation by 10% instead.

■ 19, 37.953,
326.277

■ 19, 37.953,
326.277

■ 100, 37.953,
326.277

■ 9, 37.953, 326.277

■ 39, 37.953,
326.277

■ 0, 37.953, 326.277

■ 49, 37.953,
326.277


■ 59, 37.953,
326.277


■ 69, 37.953,
326.277


■ 79, 37.953,
326.277


■ 89, 37.953,


326.277


 99, 37.953,
326.277


 19, 37.953,
326.277


 19, 37.953,
326.277


 18, 42.008,
326.526


 21, 33.163,
325.954


 17, 45.158,
326.689


 22, 27.835,
325.572

 16, 47.955,
326.821

 24, 22.150,
325.147

 16, 48.732,
326.860

 27, 16.264,
324.693

 29, 10.298,
324.222

■ 31, 4.341, 323.734

■ 33, 1.546, 143.377

■ 36, 7.321, 142.856

■ 38, 12.960,
142.407

Harmonies

Complementary

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



19, 37.953, 326.277



28, 38.214, 138.487

Rectangle

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



19, 37.953, 326.277



19, 37.953, 16.277



19, 37.953, 146.277



19, 37.953, 196.277

Sweetspot

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



19, 37.952, 326.277



36, 14.654, 324.382



13, 35.109, 298.065



17, 10.084, 324.454



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, 37.952, 326.277



23, 52.605, 326.643



18, 28.617, 347.634



14, 3.273, 323.799



22, 59.075, 326.807



53, 106.922, 326.706

Inverse Universe

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



17, 27.306, 25.051



21, 40.996, 29.983



29, 27.647, 154.299



14, 1.911, 16.684



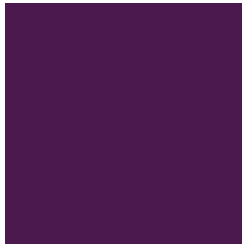
19, 49.688, 34.446



48, 95.032, 38.819

Previews

White Background



This preview shows how the CIE LCh color 19, 37.953, 326.277 looks on a white background.

Color Contrast Check

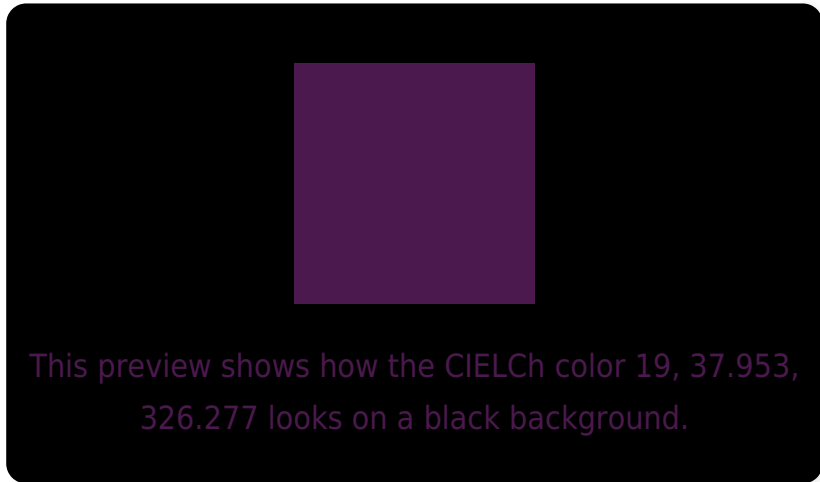
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

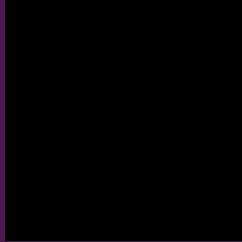
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 37.953, 326.277

Background



This preview shows how black text looks on a background with the CIELCh color 19, 37.953, 326.277.



This preview shows how white text looks on a background with the CIELCh color 19, 37.953, 326.277.

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, 37.953, 326.277

Protanopia

19, 35.027, 284.684

Deuteranopia

20, 18.752, 280.503



Tritanopia
19, 17.236, 17.182

Trichromacy



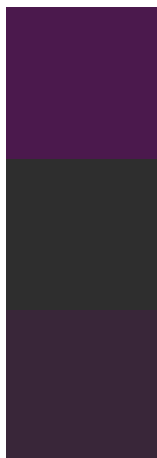
Original Color
19, 37.953, 326.277

Protanomaly
18, 35.752, 295.665

Deuteranomaly
18, 25.097, 304.283

Tritanomaly
19, 22.549, 347.361

Monochromacy



Original Color
19, 37.953, 326.277

Achromatopsia
19, 0.004, 296.813

Achromatomaly
18, 15.537, 325.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 37.953, 326.277 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, 25, 77)` looks like.

```
.text, #text, p{  
    color:rgb(75, 25, 77)  
}
```

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, 25, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 25, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 37.953, 326.277 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, 25, 77) }
```

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

```
.border{ border-color:rgb(75, 25, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 25, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 25, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 25, 77);  
box-shadow:4px 4px 4px 4px rgb(75, 25, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 37.953, 326.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 25, 77) }
```

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

```
.background{ background-color: rgb(75, 25,  
77) }
```

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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