

Converting Colors

CIELCh(14, 37.783, 326.846)

Have a look what the booklet for
CIELCh(14, 37.783, 326.846)
contains.

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Color

CIELCh(14, 37.580, 326.530)

Conversions

Conversions Part 1

Format	Color
Hex	3F0D41
RGB	63, 13, 65
RGB Percent	25%, 5%, 25%
CMY	0.7527, 0.9488, 0.7449
CMYK	0.03, 0.80, 0.00, 0.74
HSL	298°, 67%, 15%
HSV	298°, 80%, 26%
XYZ	3.1531, 1.7298, 5.1758
YIQ	33.8780, 13.1080, 26.7720

Conversions

Conversions Part 2

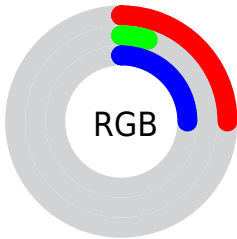
Format	Color
R_{YB}	63, 13, 65
Decimal	4132161
CIE _{Lab}	14.00, 31.35, -20.73
CIE _{LCh}	14, 37.580, 326.530
Yxy	1.7298, 0.3135, 0.1720
Android (android.graphics.Color)	4282322241 (0xFF3F0D41)
YUV	33.8780, 15.3431, 25.5400
Hunter-Lab	13.1521, 19.7779, -14.1261




Details

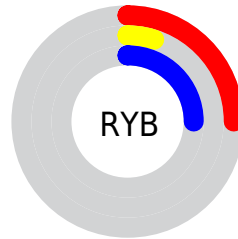
The CIELCh color **14, 37.580, 326.530** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23, 38.079, 137.556**, and the grayscale version is **13, 0.003, 296.813**.




A 20% lighter version of the original color is **34, 37.311, 326.749**, and **1, 9.986, 293.361** is the 20% darker color. If you saturate the color by 10%, you get **13, 40.444, 326.703**, and if you desaturate by 10%, it is **15, 34.097, 326.292**.

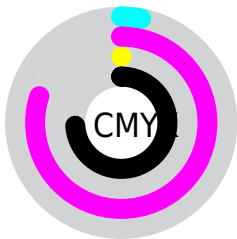
Distribution







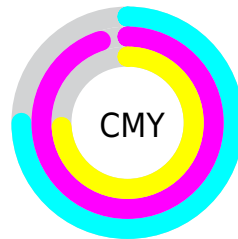
-  Red (25%)
-  Green (5%)
-  Blue (25%)






-  Red (25%)
-  Yellow (5%)
-  Blue (25%)



-  Cyan (3%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (74%)





-  Cyan (75%)
-  Magenta (95%)
-  Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 37.580, 326.530 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 14, 37.580, 326.530 by changing the saturation by 10% instead.

 14, 37.580,
326.530


 14, 37.580,
326.530


 100, 37.580,
326.530


 4, 37.580, 326.530


 34, 37.580,
326.530

 0, 37.580, 326.530

 44, 37.580,
326.530


 54, 37.580,
326.530


 64, 37.580,
326.530


 74, 37.580,
326.530


 84, 37.580,


326.530


 94, 37.580,
326.530


 14, 37.580,
326.530


 14, 37.580,
326.530


 13, 40.444,
326.703


 15, 34.097,
326.292


 12, 43.441,
326.893

 16, 29.987,
325.983

 12, 43.463,
326.895

 18, 25.408,
325.617

 20, 20.512,
325.209

 22, 15.429,
324.771

■ 24, 10.262,
324.315

■ 26, 5.091, 323.846

■ 28, 0.032, 146.920

■ 30, 5.068, 142.987

Harmonies

Complementary

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



14, 37.580, 326.530



23, 38.079, 137.556

Rectangle

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



14, 37.580, 326.530



14, 37.580, 16.530



14, 37.580, 146.530



14, 37.580, 196.530

Sweetspot

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



14, 37.579, 326.530



30, 15.327, 324.549



7, 36.579, 300.243



14, 10.624, 324.623



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



14, 37.579, 326.530



18, 50.548, 326.790



13, 28.343, 349.318



12, 2.895, 323.779



21, 56.988, 326.813



52, 105.127, 326.703

Inverse Universe

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



12, 28.017, 26.503



15, 40.793, 31.331



24, 27.727, 152.718



12, 1.689, 16.648



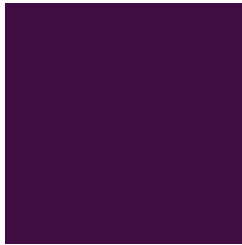
18, 47.542, 33.741



47, 93.392, 38.783

Previews

White Background



This preview shows how the CIELCh color 14, 37.580, 326.530 looks on a white background.

Color Contrast Check

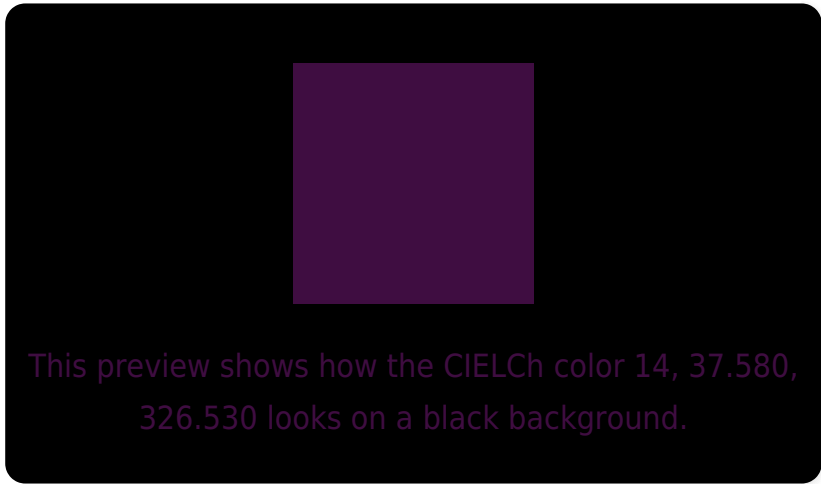
Large Text (above 18pt) WCAG AA ✓ Pass

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

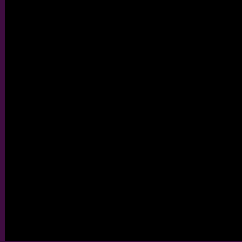
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 37.580, 326.530

Background



This preview shows how black text looks on a background with the CIELCh color 14, 37.580, 326.530.



This preview shows how white text looks on a background with the CIELCh color 14, 37.580, 326.530.

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

14, 37.580, 326.530

Protanopia

14, 29.424, 282.516

Deuteranopia

15, 16.762, 276.462



Tritanopia
15, 16.364, 19.467

Trichromacy



Original Color
14, 37.580, 326.530

Protanomaly
13, 32.181, 296.254

Deuteranomaly
13, 23.849, 304.438

Tritanomaly
14, 21.557, 347.050

Monochromacy



Original Color
14, 37.580, 326.530

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 16.069, 326.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 37.580, 326.530 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(63, 13, 65)` looks like.

```
.text, #text, p{  
    color:rgb(63, 13, 65)  
}
```

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(63, 13, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 13, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 37.580, 326.530 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(63, 13, 65) }
```

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

```
.border{ border-color:rgb(63, 13, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 13, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 13, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 13, 65);  
box-shadow:4px 4px 4px 4px rgb(63, 13, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 37.580, 326.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 13, 65) }
```

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

```
.background{ background-color: rgb(63, 13,  
65) }
```

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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