

Converting Colors

CIELCh(17, 25.712, 322.294)

Have a look what the booklet for
CIELCh(17, 25.712, 322.294)
contains.

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Color

CIELCh(17, 25.983, 322.413)

Conversions

Conversions Part 1

Format	Color
Hex	3C1F41
RGB	60, 31, 65
RGB Percent	24%, 12%, 25%
CMY	0.7656, 0.8792, 0.7459
CMYK	0.08, 0.52, 0.00, 0.75
HSL	291°, 36%, 19%
HSV	291°, 52%, 25%
XYZ	3.2828, 2.3023, 5.2394
YIQ	43.5470, 6.3700, 16.7220

Conversions

Conversions Part 2

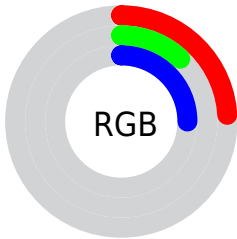
Format	Color
R_{YB}	60, 31, 65
Decimal	3940161
CIE Lab	17.00, 20.59, -15.85
CIE LCh	17, 25.983, 322.413
Yxy	2.3023, 0.3033, 0.2127
Android (android.graphics.Color)	4282130241 (0xFF3C1F41)
YUV	43.5470, 10.5763, 14.4293
Hunter-Lab	15.1734, 12.0649, -9.8516

Details

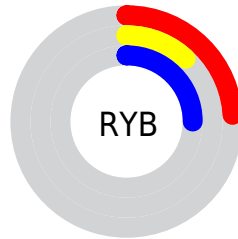
The CIELCh color **17, 25.983, 322.413** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24, 25.682, 137.503**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 26.005, 322.156**, and **1, 10.981, 303.312** is the 20% darker color. If you saturate the color by 10%, you get **15, 30.505, 322.710**, and if you desaturate by 10%, it is **19, 21.176, 322.062**.

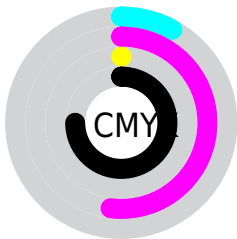
Distribution



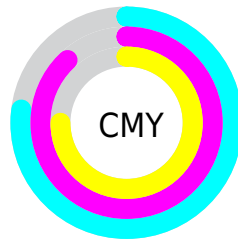
- Red (24%)
- Green (12%)
- Blue (25%)



- Red (24%)
- Yellow (12%)
- Blue (25%)



- Cyan (8%)
- Magenta (52%)
- Yellow (0%)
- Black (75%)





- Cyan (77%)
- Magenta (88%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 25.983, 322.413 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 17, 25.983, 322.413 by changing the saturation by 10% instead.

 17, 25.983,
322.413


 17, 25.983,
322.413


 100, 25.983,
322.413


 7, 25.983, 322.413


 37, 25.983,
322.413

 0, 25.983, 322.413

 47, 25.983,
322.413


 57, 25.983,
322.413


 67, 25.983,
322.413


 77, 25.983,
322.413


 87, 25.983,


322.413


 97, 25.983,
322.413


 17, 25.983,
322.413


 17, 25.983,
322.413


 15, 30.505,
322.710


 19, 21.176,
322.062

 14, 34.591,
322.931


 21, 16.213,
321.676

 13, 38.070,
323.050

 23, 11.188,
321.271

 11, 41.151,
323.117

 25, 6.172, 320.855

 11, 43.705,
323.227

 27, 1.212, 320.384

 29, 3.662, 140.099

■ 31, 8.430, 139.704

■ 33, 13.081,
139.339

■ 36, 17.613,
138.997

Harmonies

Complementary

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



17, 25.983, 322.413



24, 25.682, 137.503

Rectangle

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



17, 25.983, 322.413



17, 25.983, 12.413



17, 25.983, 142.413



17, 25.983, 192.413

Sweetspot

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



17, 25.982, 322.413



32, 9.879, 321.032



15, 20.389, 290.431



15, 6.732, 321.064



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



17, 25.982, 322.413



21, 38.008, 322.791



17, 21.157, 340.195



12, 2.801, 320.688



19, 57.504, 322.925



48, 106.197, 322.532

Inverse Universe

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



17, 17.529, 13.367



20, 26.512, 16.113



24, 20.801, 152.039



12, 1.720, 7.931



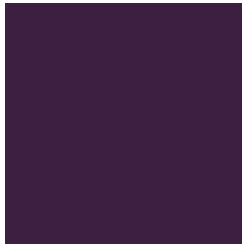
18, 45.513, 28.942



47, 88.000, 33.799

Previews

White Background



This preview shows how the CIE LCh color 17, 25.983, 322.413 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 17, 25.983, 322.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

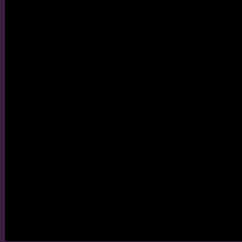
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 25.983, 322.413

Background



This preview shows how black text looks on a background with the CIELCh color 17, 25.983, 322.413.



This preview shows how white text looks on a background with the CIELCh color 17, 25.983, 322.413.

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

17, 25.983, 322.413

Protanopia

17, 23.055, 285.348

Deuteranopia

17, 14.765, 281.973



Tritanopia
17, 9.690, 9.634

Trichromacy



Original Color
17, 25.983, 322.413

Protanomaly
17, 23.753, 298.547

Deuteranomaly
17, 18.286, 300.816

Tritanomaly
17, 14.020, 339.604

Monochromacy



Original Color
17, 25.983, 322.413

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 9.539, 320.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 25.983, 322.413 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(60, 31, 65)` looks like.

```
.text, #text, p{  
    color:rgb(60, 31, 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(60, 31, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 31, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 25.983, 322.413 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(60, 31, 65) }
```

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

```
.border{ border-color:rgb(60, 31, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 31, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 31, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 31, 65);  
box-shadow:4px 4px 4px 4px rgb(60, 31, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 25.983, 322.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 31, 65) }
```

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

```
.background{ background-color: rgb(60, 31,  
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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