

Converting Colors

CIELCh(20, 14.828, 325.682)

Have a look what the booklet for
CIELCh(20, 14.828, 325.682)
contains.

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Color

CIELCh(20, 15.375, 325.905)

Conversions

Conversions Part 1

Format	Color
Hex	3D2A3D
RGB	61, 42, 61
RGB Percent	24%, 16%, 24%
CMY	0.7606, 0.8351, 0.7606
CMYK	0.00, 0.31, 0.00, 0.76
HSL	300°, 18%, 20%
HSV	300°, 31%, 24%
XYZ	3.5993, 2.9891, 4.8073
YIQ	49.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

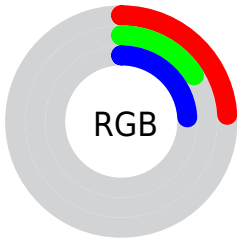
Format	Color
R_{YB}	61, 42, 61
Decimal	4008509
CIE Lab	20.00, 12.73, -8.62
CIE LCh	20, 15.375, 325.905
Yxy	2.9891, 0.3158, 0.2623
Android (android.graphics.Color)	4282198589 (0xFF3D2A3D)
YUV	49.8470, 5.4984, 9.7812
Hunter-Lab	17.2889, 6.9055, -4.3838

Details

The CIELCh color **20, 15.375, 325.905** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 15.372, 142.606**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **40, 14.906, 326.750**, and **2, 10.825, 326.352** is the 20% darker color. If you saturate the color by 10%, you get **18, 20.212, 326.358**, and if you desaturate by 10%, it is **22, 10.436, 325.435**.

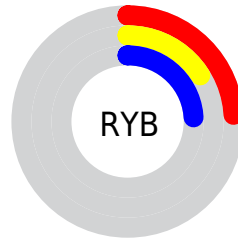
Distribution



Red (24%)

Green (16%)

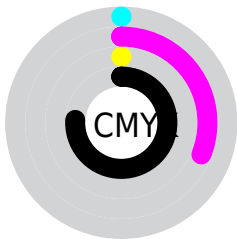
Blue (24%)



Red (24%)

Yellow (16%)

Blue (24%)

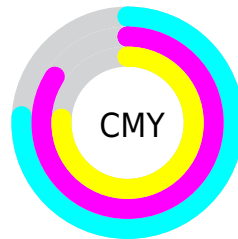


Cyan (0%)

Magenta (31%)

Yellow (0%)

Black (76%)



Cyan (76%)


Magenta (84%)


Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 20, 15.375, 325.905 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 20, 15.375, 325.905 by changing the saturation by 10% instead.

 20, 15.375,
325.905


 20, 15.375,
325.905


 100, 15.375,
325.905


 10, 15.375,
325.905


 40, 15.375,
325.905


 0, 15.375, 325.905

 50, 15.375,
325.905

 60, 15.375,
325.905

 70, 15.375,
325.905

 80, 15.375,
325.905

 90, 15.375,

325.905

■ 20, 15.375,
325.905

■ 20, 15.375,
325.905

■ 18, 20.212,
326.358

■ 22, 10.436,
325.435

■ 17, 24.848,
326.782

■ 24, 5.478, 324.950

■ 15, 29.156,
327.169

■ 26, 0.555, 324.296

■ 14, 32.995,
327.505

■ 28, 4.291, 144.056

■ 13, 36.222,
327.783

■ 32, 13.667,
143.144

■ 12, 38.997,
328.017

■ 34, 18.172,
142.721

■ 11, 41.622,
328.234

■ 36, 22.550,
142.318

■ 38, 26.803,
141.937

Harmonies

Complementary

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



20, 15.375, 325.905



24, 15.372, 142.606

Rectangle

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



20, 15.375, 325.905



20, 15.375, 15.905



20, 15.375, 145.905



20, 15.375, 195.905

Sweetspot

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



20, 15.374, 325.905



31, 5.491, 324.865



18, 13.155, 293.414



15, 3.852, 324.898



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



20, 15.374, 325.905



25, 22.597, 326.247



20, 10.970, 346.113



10, 2.734, 324.816



21, 55.838, 328.234



53, 104.023, 328.234

Inverse Universe

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



20, 15.374, 325.905



25, 22.597, 326.247



24, 10.609, 161.192



10, 2.734, 324.816



21, 55.838, 328.234



53, 104.023, 328.234

Previews

White Background



This preview shows how the CIE LCh color 20, 15.375, 325.905 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 20, 15.375, 325.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

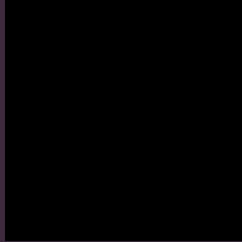
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 20, 15.375, 325.905

Background



This preview shows how black text looks on a background with the CIELCh color 20, 15.375, 325.905.



This preview shows how white text looks on a background with the CIELCh color 20, 15.375, 325.905.

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

20, 15.375, 325.905

Protanopia

20, 11.628, 284.894

Deuteranopia

20, 8.168, 289.099



Tritanopia
20, 7.025, 4.245

Trichromacy



Original Color
20, 15.375, 325.905

Protanomaly
20, 12.426, 300.726

Deuteranomaly
20, 9.938, 307.569

Tritanomaly
20, 9.619, 342.340

Monochromacy



Original Color
20, 15.375, 325.905

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 5.761, 325.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 15.375, 325.905 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(61, 42, 61)` looks like.

```
.text, #text, p{  
    color:rgb(61, 42, 61)  
}
```

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(61, 42, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 42, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 15.375, 325.905 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(61, 42, 61) }
```

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

```
.border{ border-color:rgb(61, 42, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 42, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 42, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 42, 61);  
box-shadow:4px 4px 4px 4px rgb(61, 42, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 15.375, 325.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 42, 61) }
```

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

```
.background{ background-color: rgb(61, 42,  
61) }
```

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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