

Converting Colors

CIELCh(33, 20.707, 327.929)

Have a look what the booklet for
CIELCh(33, 20.707, 327.929)
contains.

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Color

CIELCh(33, 20.707, 327.929)

Conversions

Conversions Part 1

Format	Color
Hex	61445F
RGB	97, 68, 95
RGB Percent	38%, 27%, 37%
CMY	0.6189, 0.7326, 0.6267
CMYK	0.00, 0.30, 0.02, 0.62
HSL	304°, 18%, 32%
HSV	304°, 30%, 38%
XYZ	9.1019, 7.5373, 11.8461
YIQ	79.7490, 8.6170, 14.5450

Conversions

Conversions Part 2

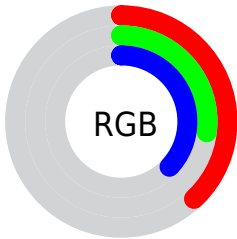
Format	Color
RYB	97, 68, 95
Decimal	6374495
CIELab	33.00, 17.55, -10.99
CIELCh	33, 20.707, 327.929
Yxy	7.5373, 0.3195, 0.2646
Android (android.graphics.Color)	4284564575 (0xFF61445F)
YUV	79.7490, 7.5187, 15.1291
Hunter-Lab	27.4541, 11.1339, -6.3649

Details

The CIELCh color $33, 20.707, 327.929$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $38, 20.692, 144.406$, and the grayscale version is $34, 0.005, 296.813$.

A 20% lighter version of the original color is $53, 20.145, 328.346$, and $13, 20.866, 327.852$ is the 20% darker color. If you saturate the color by 10%, you get $31, 27.482, 328.455$, and if you desaturate by 10%, it is $36, 13.770, 327.393$.

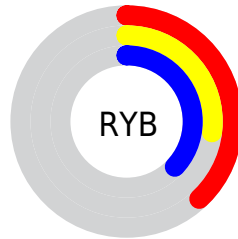
Distribution



Red (38%)

Green (27%)

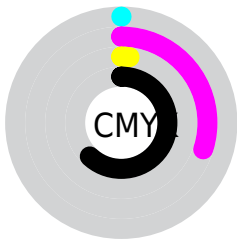
Blue (37%)



Red (38%)

Yellow (27%)

Blue (37%)

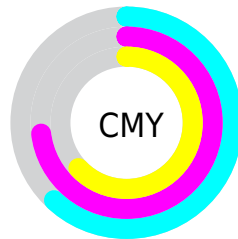


Cyan (0%)

Magenta (30%)

Yellow (2%)

Black (62%)



Cyan (62%)


Magenta (73%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 20.707, 327.929 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 33, 20.707, 327.929 by changing the saturation by 10% instead.


 33, 20.707,
327.929


 33, 20.707,
327.929

 100, 20.707,
327.929


 23, 20.707,
327.929

 53, 20.707,
327.929


 13, 20.707,
327.929


 63, 20.707,
327.929

 3, 20.707, 327.929

 73, 20.707,
327.929

 0, 20.707, 327.929

 83, 20.707,
327.929

 93, 20.707,
327.929

■ 33, 20.707,
327.929

■ 33, 20.707,
327.929

■ 31, 27.482,
328.455

■ 36, 13.770,
327.393

■ 28, 33.925,
328.962

■ 38, 6.804, 326.849

■ 26, 39.817,
329.441

■ 41, 0.099, 147.985

■ 44, 6.881, 145.859

■ 24, 44.915,
329.885

■ 47, 13.505,
145.351

■ 23, 48.979,
330.289

■ 50, 19.951,
144.872

■ 22, 51.831,
330.652


■ 53, 26.211,
144.416

■ 21, 54.141,
330.991

■ 56, 32.283,
143.984

■ 21, 54.177,

330.996

 59, 38.173,
143.576

Harmonies

Complementary

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



33, 20.707, 327.929



38, 20.692, 144.406

Rectangle

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



33, 20.707, 327.929



33, 20.707, 17.929



33, 20.707, 147.929



33, 20.707, 197.929

Sweetspot

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



33, 20.706, 327.929



50, 7.772, 326.817



30, 18.619, 295.760



25, 5.356, 326.875



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



33, 20.706, 327.929



41, 31.109, 328.312



32, 14.899, 350.147



18, 3.864, 326.795



25, 59.899, 331.047



56, 104.371, 331.238

Inverse Universe

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



33, 20.706, 327.929



41, 31.109, 328.312



39, 14.211, 164.764



18, 3.864, 326.795



25, 59.899, 331.047



56, 104.371, 331.238

Previews

White Background



This preview shows how the CIE LCh color 33, 20.707, 327.929 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 33, 20.707, 327.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

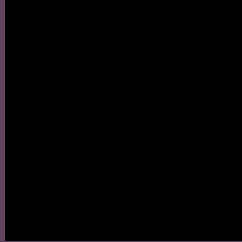
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 20.707, 327.929

Background



This preview shows how black text looks on a background with the CIELCh color 33, 20.707, 327.929.



This preview shows how white text looks on a background with the CIELCh color 33, 20.707, 327.929.

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

33, 20.707, 327.929

Protanopia

33, 15.223, 284.265

Deuteranopia

33, 11.404, 296.141



Tritanopia
33, 10.712, 4.269

Trichromacy



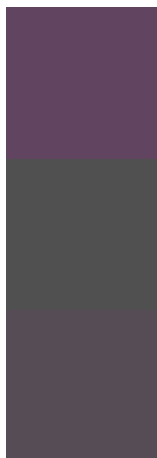
Original Color
33, 20.707, 327.929

Protanomaly
33, 16.082, 302.646

Deuteranomaly
33, 14.193, 312.433

Tritanomaly
33, 13.518, 344.712

Monochromacy



Original Color
33, 20.707, 327.929

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 7.618, 325.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 20.707, 327.929 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(97, 68, 95)` looks like.

```
.text, #text, p{  
    color:rgb(97, 68, 95)  
}
```

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(97, 68, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 68, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 20.707, 327.929 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(97, 68, 95) }
```

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

```
.border{ border-color:rgb(97, 68, 95) }
```

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

Here you see how a box with a 4 pixel rgb(97, 68, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 68, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 68, 95);  
box-shadow:4px 4px 4px 4px rgb(97, 68, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 33, 20.707, 327.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 68, 95) }
```

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

```
.background{ background-color: rgb(97, 68,  
95) }
```

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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