

Converting Colors

CIELCh(20, 32.629, 12.974)

Have a look what the booklet for
CIELCh(20, 32.629, 12.974) contains.

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Color

CIELCh(20, 32.927, 12.791)

Conversions

Conversions Part 1

Format	Color
Hex	5B1727
RGB	91, 23, 39
RGB Percent	36%, 9%, 15%
CMY	0.6429, 0.9096, 0.8469
CMYK	0.00, 0.75, 0.57, 0.64
HSL	346°, 60%, 22%
HSV	346°, 75%, 36%
XYZ	4.9948, 2.9891, 2.2372
YIQ	45.1560, 35.3920, 19.3920

Conversions

Conversions Part 2

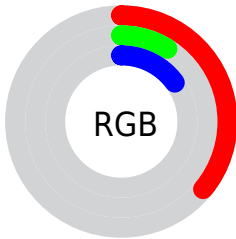
Format	Color
RYB	91, 23, 39
Decimal	5969703
CIELab	20.00, 32.11, 7.29
CIELCh	20, 32.927, 12.791
Yxy	2.9891, 0.4887, 0.2924
Android (android.graphics.Color)	4284159783 (0xFF5B1727)
YUV	45.1560, -3.0349, 40.2052
Hunter-Lab	17.2889, 21.3136, 4.4299

Details

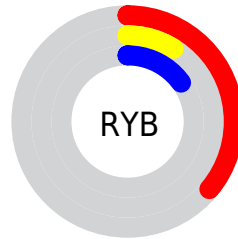
The CIELCh color **20, 32.927, 12.791** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **34, 25.385, 172.794**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **40, 32.837, 12.688**, and **5, 22.460, 18.874** is the 20% darker color. If you saturate the color by 10%, you get **19, 36.525, 16.323**, and if you desaturate by 10%, it is **22, 28.839, 9.946**.

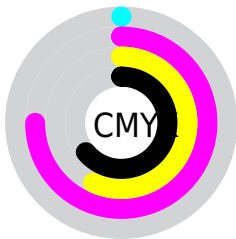
Distribution



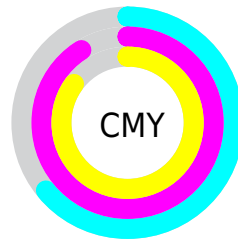
- Red (36%)
- Green (9%)
- Blue (15%)



- Red (36%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (57%)
- Black (64%)



- Cyan (64%)
- Magenta (91%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 20, 32.927, 12.791 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, 32.927, 12.791 by changing the saturation by 10% instead.

■ 20, 32.927, 12.791

■ 20, 32.927, 12.791

■ 100, 32.927,
12.791

■ 10, 32.927, 12.791

■ 0, 32.927, 12.791

■ 40, 32.927, 12.791

■ 50, 32.927, 12.791

■ 60, 32.927, 12.791

■ 70, 32.927, 12.791

■ 80, 32.927, 12.791

■ 90, 32.927, 12.791

■ 20, 32.927, 12.791

■ 20, 32.927, 12.791

19, 36.525, 16.323

22, 28.839, 9.946

17, 39.740, 20.365

24, 24.413, 7.657

17, 41.604, 22.282

26, 19.809, 5.801

29, 15.172, 4.275

32, 10.606, 2.996

34, 6.178, 1.896

37, 1.925, 0.863

40, 2.136, 180.327

43, 6.005, 179.520

Harmonies

Complementary

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



20, 32.927, 12.791



34, 25.385, 172.794

Rectangle

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



20, 32.927, 12.791



20, 32.927, 62.791



20, 32.927, 192.791



20, 32.927, 242.791

Sweetspot

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



20, 32.925, 12.793



42, 11.604, 2.764



19, 46.252, 319.785



20, 7.742, 2.942



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



20, 32.925, 12.793



24, 46.651, 19.732



23, 31.042, 44.886



17, 2.344, 1.306



21, 47.813, 23.737



50, 86.675, 27.677

Inverse Universe

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



20, 32.925, 12.793



24, 46.651, 19.732



29, 18.283, 234.800



17, 2.344, 1.306



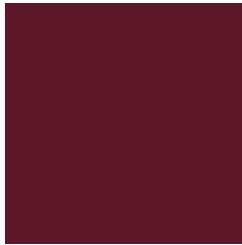
21, 47.813, 23.737



50, 86.675, 27.677

Previews

White Background



This preview shows how the CIE LCh color 20, 32.927, 12.791 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 20, 32.927, 12.791 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, 32.927, 12.791

Background



This preview shows how black text looks on a background with the CIELCh color 20, 32.927, 12.791.



This preview shows how white text looks on a background with the CIELCh color 20, 32.927, 12.791.

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, 32.927, 12.791

Protanopia

21, 1.356, 290.512

Deuteranopia

21, 9.966, 73.462



Tritanopia
20, 33.300, 28.047

Trichromacy



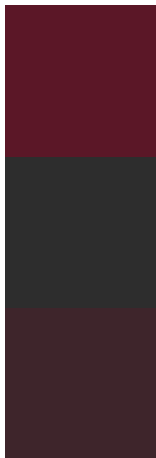
Original Color
20, 32.927, 12.791

Protanomaly
19, 12.915, 1.249

Deuteranomaly
20, 16.702, 27.825

Tritanomaly
20, 32.751, 22.960

Monochromacy



Original Color
20, 32.927, 12.791

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 12.895, 4.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 32.927, 12.791 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(91, 23, 39)` looks like.

```
.text, #text, p{  
    color:rgb(91, 23, 39)  
}
```

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(91, 23, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 23, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 32.927, 12.791 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(91, 23, 39) }
```

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

```
.border{ border-color:rgb(91, 23, 39) }
```

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

Here you see how a box with a 4 pixel rgb(91, 23, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 23, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 23, 39);  
box-shadow:4px 4px 4px 4px rgb(91, 23, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 32.927, 12.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 23, 39) }
```

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

```
.background{ background-color: rgb(91, 23,  
39) }
```

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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