

Converting Colors

CIELCh(73, 32.342, 56.042)

Have a look what the booklet for
CIELCh(73, 32.342, 56.042) contains.

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Color

CIELCh(73, 32.527, 55.982)

Conversions

Conversions Part 1

Format	Color
Hex	E3A683
RGB	227, 166, 131
RGB Percent	89%, 65%, 51%
CMY	0.1104, 0.3495, 0.4868
CMYK	0.00, 0.27, 0.42, 0.11
HSL	22°, 63%, 70%
HSV	22°, 42%, 89%
XYZ	49.3306, 45.1644, 27.5434
YIQ	180.2490, 47.5910, 2.0470

Conversions

Conversions Part 2

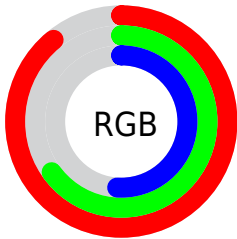
Format	Color
R _Y B	227, 186, 131
Decimal	14919299
CIE Lab	73.00, 18.20, 26.96
CIE LCh	73, 32.527, 55.982
Yxy	45.1644, 0.4042, 0.3701
Android (android.graphics.Color)	4293109379 (0xFFE3A683)
YUV	180.2490, -24.2798, 41.0006
Hunter-Lab	67.2044, 13.4180, 22.7434

Details

The CIELCh color **73, 32.527, 55.982** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75, 25.874, 245.795**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 23.414, 74.104**, and **53, 32.428, 56.416** is the 20% darker color. If you saturate the color by 10%, you get **69, 41.634, 55.295**, and if you desaturate by 10%, it is **77, 23.974, 56.746**.

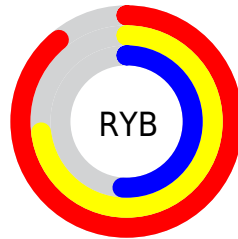
Distribution



Red (89%)

Green (65%)

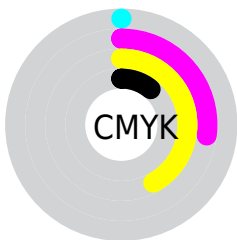
Blue (51%)



Red (89%)

Yellow (73%)

Blue (51%)

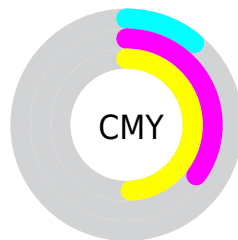


Cyan (0%)

Magenta (27%)

Yellow (42%)

Black (11%)



Cyan (11%)

Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 32.527, 55.982 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 73, 32.527, 55.982 by changing the saturation by 10% instead.

73, 32.527, 55.982

73, 32.527, 55.982

100, 32.527,
55.982

63, 32.527, 55.982

93, 32.527, 55.982

53, 32.527, 55.982

43, 32.527, 55.982

33, 32.527, 55.982

23, 32.527, 55.982

13, 32.527, 55.982

3, 32.527, 55.982

0, 32.527, 55.982

73, 32.527, 55.982

73, 32.527, 55.982

69, 41.634, 55.295

77, 23.974, 56.746

66, 51.222, 54.659

81, 15.981, 57.561

62, 61.071, 54.020

85, 8.519, 58.404

59, 70.662, 53.215

89, 1.542, 59.033

56, 78.943, 51.879

93, 4.999, 240.387

55, 83.924, 50.413

97, 8.736, 207.895

98, 9.563, 198.871

Harmonies

Complementary

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



73, 32.527, 55.982



75, 25.874, 245.795

Rectangle

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



73, 32.527, 55.982



73, 32.527, 105.982



73, 32.527, 235.982



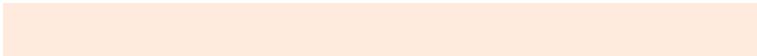
73, 32.527, 285.982

Sweetspot

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



73, 32.526, 55.988



94, 9.918, 58.339



67, 48.014, 339.846



49, 6.993, 58.152



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 32.526, 55.988



78, 44.482, 55.360



85, 42.518, 98.467



45, 3.857, 58.642



43, 68.999, 51.045



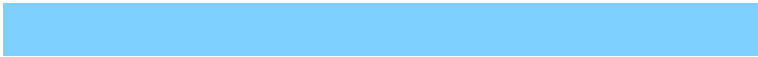
9, 20.290, 45.731

Inverse Universe

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



75, 25.874, 245.795



80, 33.398, 247.988



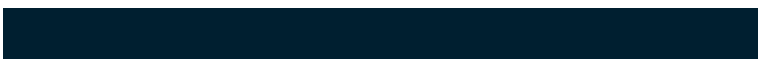
62, 45.755, 289.690



45, 3.696, 240.607



45, 41.487, 266.968



10, 15.332, 256.906

Previews

White Background



This preview shows how the CIELCh color 73, 32.527, 55.982 looks on a white 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

Black Background



This preview shows how the CIELCh color 73, 32.527, 55.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

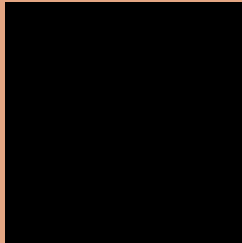
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 32.527, 55.982

Background



This preview shows how black text looks on a background with the CIELCh color 73, 32.527, 55.982.



This preview shows how white text looks on a background with the CIELCh color 73, 32.527, 55.982.

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

73, 32.527, 55.982

Protanopia

73, 23.242, 94.706

Deuteranopia

73, 28.803, 71.172



Tritanopia
73, 28.362, 9.071

Trichromacy



Original Color
73, 32.527, 55.982

Protanomaly
73, 24.857, 76.901

Deuteranomaly
73, 30.019, 65.673

Tritanomaly
73, 27.240, 27.409

Monochromacy



Original Color
73, 32.527, 55.982

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 11.171, 58.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 32.527, 55.982 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(227, 166, 131)` looks like.

```
.text, #text, p{  
    color:rgb(227, 166, 131)  
}
```

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(227, 166, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 166, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 32.527, 55.982 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(227, 166, 131) }
```

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

```
.border{ border-color:rgb(227, 166, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 166, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 166, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 166, 131); box-shadow:4px 4px 4px 4px rgb(227, 166, 131) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 32.527, 55.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 166, 131) }
```

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

```
.background{ background-color: rgb(227,  
166, 131) }
```

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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