

Converting Colors

XYZ(65.1561, 73.6235,
100.4131)

Have a look what the booklet for
XYZ(65.1561, 73.6235, 100.4131)
contains.

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Color

**XYZ(65.1629, 73.6235,
100.3988)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B8E6F9 |
| RGB | 184, 230, 249 |
| RGB Percent | 72%, 90%, 98% |
| CMY | 0.2784, 0.0980, 0.0235 |
| CMYK | 0.26, 0.08, 0.00, 0.02 |
| HSL | 198°, 84%, 85% |
| HSV | 198°, 26%, 98% |
| XYZ | 65.1629, 73.6235, 100.3988 |
| YIQ | 218.4120, -33.5150, -3.8430 |

Conversions

Conversions Part 2

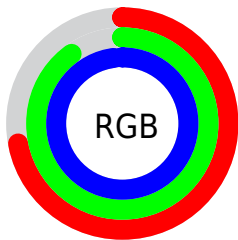
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 184, 211, 249 |
| Decimal | 12117753 |
| CIELab | 88.74, -10.60, -14.07 |
| CIELCh | 89, 17.617, 233.008 |
| Yxy | 73.6235, 0.2724, 0.3078 |
| Android (android.graphics.Color) | 4290307833 (0xFFB8E6F9) |
| YUV | 218.4120, 15.0799, -30.1793 |
| Hunter-Lab | 85.8041, -14.5976, -9.3119 |

Details

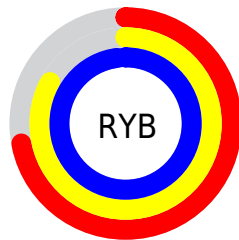
The XYZ color **65.1629, 73.6235, 100.3988** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.0756, 66.3130, 54.5083**, and the grayscale version is **66.8424, 70.3234, 76.5822**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **33.8150, 38.7895, 56.1570** is the 20% darker color. If you saturate the color by 10%, you get **57.7324, 66.8506, 99.4844**, and if you desaturate by 10%, it is **73.7322, 81.1127, 101.3939**.

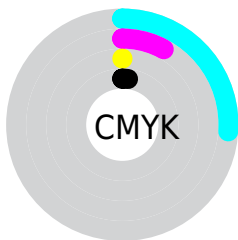
Distribution



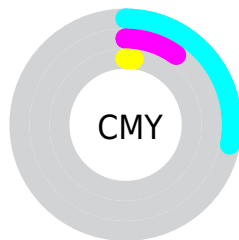
- Red (72%)
- Green (90%)
- Blue (98%)



- Red (72%)
- Yellow (83%)
- Blue (98%)



- Cyan (26%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (28%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1629, 73.6235, 100.3988 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 XYZ color 65.1629, 73.6235, 100.3988 by changing the saturation by 10% instead.

■ 65.1629, 73.6235,
100.3988

■ 65.1629, 73.6235,
100.3988

432.9131,
473.1729, 582.7281

■ 47.8584, 54.4859,
76.0149

■ 111.3484,
124.3619, 163.7618

■ 33.9255, 38.9903,
55.9380

140.9601,
156.7316, 203.5779

■ 22.9990, 26.7522,
39.7495

175.4050,
194.2808, 249.3752

■ 14.7135, 17.3872,
27.0310

215.0482,
237.3939, 301.5722

■ 8.7035, 10.5109,
17.3639

260.2553,
286.4552, 360.5875

■ 4.6039, 5.7390,
10.3296

311.3916,

■ 2.0491, 2.6870,

341.8492, 426.8395

5.5096

368.8224,
403.9603, 500.7469

■ 0.6613, 0.9706,
2.4853

■ 0.0000, 0.0000,
0.8324

■ 65.1629, 73.6235,
100.3988

■ 65.1629, 73.6235,
100.3988

■ 57.7324, 66.8506,
99.4844

■ 73.7322, 81.1127,
101.3939

■ 51.3780, 60.7546,
98.6426

■ 83.4857, 89.3375,
102.4674

■ 46.0408, 55.3055,
97.8721

■ 93.0984, 97.6182,
103.5591

■ 41.6533, 50.4669,
97.1695

■ 94.0991, 99.6196,
103.8927

■ 38.1392, 46.1979,
96.5307

■ 35.4092, 42.4507,
95.9513

■ 33.3529, 39.1669,
95.4258

■ 32.6687, 37.9787,
95.2325

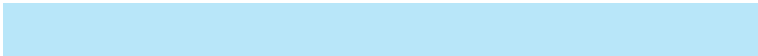
Harmonies

Analogous

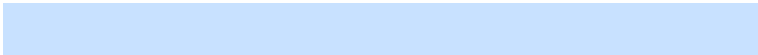
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.7047, 73.6235, 89.6867



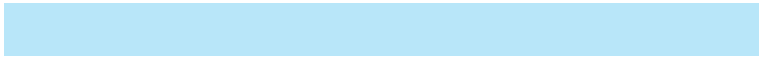
65.1629, 73.6235, 100.3988



68.9845, 73.6235, 105.7758

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.1629, 73.6235, 100.3988



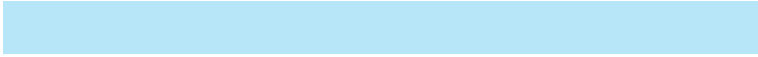
78.4264, 73.6235, 83.0535



66.8239, 73.6235, 60.4509

Complementary

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



65.1629, 73.6235, 100.3988



69.0756, 66.3130, 54.5083

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9789, 73.6235, 59.0602



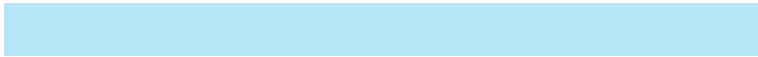
65.1629, 73.6235, 100.3988



77.7908, 73.6235, 71.3394

Square

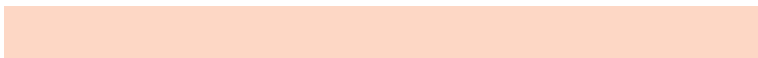
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.1629, 73.6235, 100.3988



76.7255, 73.6235, 95.1241



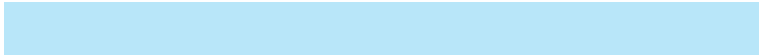
75.0224, 73.6235, 62.8480



63.6361, 73.6235, 66.8600

Rectangle

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



65.1629, 73.6235, 100.3988



71.8369, 73.6235, 105.2624



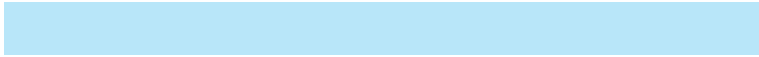
75.0224, 73.6235, 62.8480



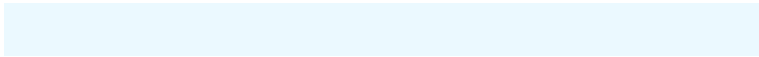
68.1494, 73.6235, 59.4096

Sweetspot

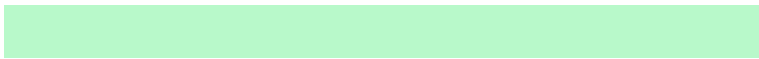
The Sweet Spot groups the original color and five complimentary colors.



65.1651, 73.6265, 100.4005



86.0663, 92.5888, 107.9430



64.3545, 82.2272, 68.6175



18.0801, 19.5319, 23.0671



0.0000, 0.0000, 0.0000



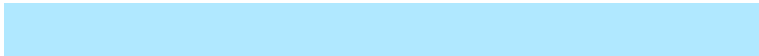
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1651, 73.6265, 100.4005



64.7705, 74.0989, 105.4965



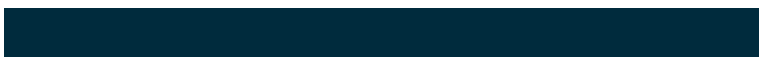
57.0809, 57.4581, 97.7057



17.3123, 18.7014, 22.0826



17.6156, 20.5867, 51.0187



1.7230, 2.0897, 4.7557

Inverse Universe

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



70.4922, 60.1358, 82.7581



71.3062, 58.1113, 83.7248



77.4045, 82.9709, 57.2846



17.7642, 17.4330, 20.6138



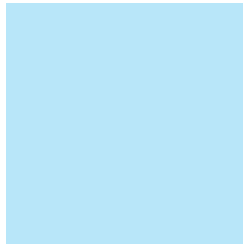
25.1835, 12.4891, 23.4727



2.3786, 1.1752, 2.4172

Previews

White Background



This preview shows how the XYZ color 65.1629, 73.6235, 100.3988 looks on a white background.

Color Contrast Check

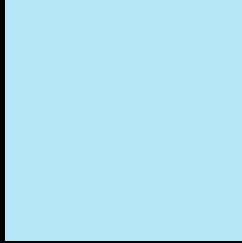
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 65.1629, 73.6235, 100.3988 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](#).

XYZ 65.1629, 73.6235, 100.3988

Background



This preview shows how black text looks on a background with the XYZ color 65.1629, 73.6235, 100.3988.

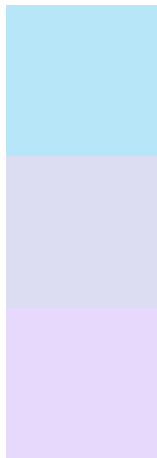


This preview shows how white text looks on a background with the XYZ color 65.1629, 73.6235,

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

65.1629, 73.6235, 100.3988

Protanopia

71.5493, 73.3996, 95.1905

Deuteranopia

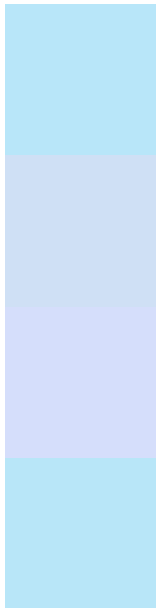
75.0167, 73.4770, 102.3241



Tritanopia

65.0073, 73.5613, 99.5794

Trichromacy



Original Color

65.1629, 73.6235, 100.3988

Protanomaly

68.8692, 73.1693, 96.8795

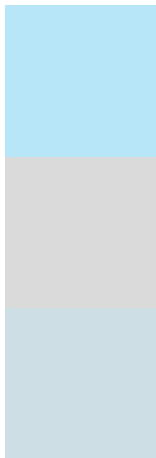
Deuteranomaly

70.9744, 73.3537, 101.6847

Tritanomaly

65.0073, 73.5613, 99.5794

Monochromacy



Original Color

65.1629, 73.6235, 100.3988

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.7177, 71.0215, 84.3736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1629, 73.6235, 100.3988 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(184, 230, 249)` looks like.

```
.text, #text, p{  
    color:rgb(184, 230, 249)  
}
```

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(184, 230, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 230, 249) }
```

Border

The CSS property to change the border of an element to XYZ 65.1629, 73.6235, 100.3988 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(184, 230, 249) }
```


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

```
.border{ border-color:rgb(184, 230, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 230, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 230, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 230, 249);  
box-shadow:4px 4px 4px 4px rgb(184, 230,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1629, 73.6235, 100.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 230, 249) }
```

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

```
.background{ background-color: rgb(184,  
230, 249) }
```

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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